### IHE Bachelor Performance Report Appalachian State University 2014 - 2015

#### **Overview of the Institution**

Appalachian State University, located in Boone, North Carolina, is a comprehensive university offering a broad range of undergraduate and graduate programs. Undergraduates receive a wellrounded liberal arts education, along with a special field of inquiry for a specific career or in preparation for advanced study. Graduate students engage in advanced study and research while extending or developing their academic and professional specializations. Although the campus is largely residential and its students at the undergraduate level are predominantly of traditional college age, the University strives to serve a diverse student body. The University has an enrollment of 16,636, of which 1,510 are off-campus students. The University is comprised of the College of Arts and Sciences, Walker College of Business, Reich College of Education, the College of Fine and Applied Arts, Hayes School of Music, Beaver College of Health Sciences, and the Cratis D. Williams Graduate School. All except the College of Business are directly involved in teacher education. The University has approximately 2,161 students admitted to undergraduate and graduate teacher education programs. The teacher education programs are NCATE accredited, and the RCOE serves as the recognized teacher education unit on campus. As such, the RCOE is responsible for recommending licensure for candidates from 22 degree programs (leading to licensure in 27 areas) at the undergraduate level, 18 degrees (leading to licensure in 24 areas) at the master level, two at the specialist level (with two additional 60 sh master programs being eligible for specialist license), and one degree at the doctoral level.

#### **Special Characteristics**

The Unit for the Preparation of Professional Educators has one of the largest undergraduate teacher education programs in the UNC-system. Terminal degrees are held by 99% of the faculty. Ninety-nine percent of the RCOE's graduates who seek continuing licensure in North Carolina successfully complete the licensure process. The college continues to maintain one of the largest Teaching Fellows programs in North Carolina as it phases out. The RCOE provides support to 116 schools (with an enrollment of over 52,102) within the ASU-Public School Partnership. The college also operates the National Center for Developmental Education which is the only center in the country that focuses exclusively on developmental education at the community college and four year college levels; and the Adult Basic Skills Project, which provides training for literacy teaching of adults across North Carolina. The ASU Charles E. and Geneva S. Scott Scottish Rite Communication Disorders Clinic (CDC), housed in the College of Health Sciences, provides diagnostic (including screenings) and treatment services to about 3000 school age clients annually, a substantial number of whom are referrals from school districts;

with the total number of clients seen in all CDC programs being well over 6000 for nearly 9000 service hours provided annually.

With the phasing out of the North Carolina Teaching Fellows program, Appalachian State University and its Reich College of Education (RCOE) has implemented a new program, Appalachian Community of Education Scholars (ACES). ACES is an organization that provides a diverse community for its members that is rich in tradition and school spirit. Camaraderie is built within the organization's members through events, such as upperclassmen assisting with freshman move-in, mentoring, and retreats. ACES also provides support needed by student teachers to become future leaders within their communities. Opportunities, friendships, desire, and commitment are some of the benefits of this organization. Aces is but one function served by the James Center for Appalachian Educators (James Center). Named for Steven and Judy James, the donors whose gift funds enabled the establishment of the center, the James Center has become a focal point of a great deal of activity in the RCOE. In addition to the ACES program, the James Center is responsible for all facets of the programs of those teaching fellows who are in the last of the cohorts moving through the North Carolina Teaching Fellows program. The James Center also organizes and advertises professional development opportunities, serves as a point of contact for teacher education students in majors housed in colleges outside of the RCOE, is a resource for transfer students, and is very active in the conduct of recruitment and retention efforts of the RCOE.

#### **Program Areas and Levels Offered**

Undergraduate program areas and levels offered include Art (K-12), BFA; Biology, BS, with Secondary education licensure in Biology and Comprehensive Science; Business Education, Secondary Education, BS, with concentrations in Business Education and Business/Marketing Education; Chemistry, BS, with secondary licensure in Chemistry and Comprehensive Science; Child Development: B-K, BS; Elementary Education (K-6), BS; English, Secondary Education, BS; Family and Consumer Sciences, Secondary Education, BS; French (K-12), BS; Geology, BS with secondary licensure in Earth Science and Comprehensive Science; Health Education, Secondary Education, BS; History, Secondary Education, BS, with licensure in History and Social Studies; Mathematics, Secondary Education, BS; Middle Grades Education with concentrations in Language Arts, Social Studies, Mathematics, and Science, BS; Music with concentrations in General Music (K-12), BS; Physics, BS, with secondary licensure in Physics and Comprehensive Science; Spanish (K-12), BS; Special Education with concentrations in Adapted Curriculum and General Curriculum (K-12), BS; Theatre Arts (K-12), BS; Technology Education, BS.

# I. SCHOOL/COLLEGE/DEPARTMENT OF EDUCATION (SCDE) INITIATIVES

LEAs/Schools with whom the Institution Has Formal Collaborative Plans	Priorities Identified in Collaboratio n with LEAs/School s	Implemented to	Start and End Dates	Number of Participant s	Summary of the Outcome of the Activities and/or Programs
Avery, Ashe, Alleghany, Alexander, Burke, Caldwell, Watauga	*Professional Development	Leadership Conference A committee of faculty, administration and staff was formed to plan a summer conference around the theme "Critical Conversations".		Faculty -135 Public – School Administrator s -5 Students	Outcomes The conference occurred on August 4th, 5th and 6 <sup>th</sup> with keynote speaker Carolyn Shields (Transformative Leadership in Education
Avery, Ashe, Alleghany, Alexander, Burke, Caldwell, Watauga. Elkin City, Wikes	*Professional Development	Leadership Conference Planning-2015 Planning a coordination of 2015 Leadership Conference "Leading for the Digital Age"	2014-2015	Faculty -210 Public School Administrator s	Outcomes The conference is planned for July 27 <sup>th</sup> and July 28 <sup>th</sup> with keynote speaker, Eric Sheninger (Leadership for the Digital Age)
Ashe	*Professional Development	Ashe County Professional Development -Active Bodies, Active Minds -Differentiating Instruction (K-12) -Effective Evaluation -Integrating Arts into the English Classroom (7-12) -Integrating Media and Technology for Middle and High -School Language Arts and Social Studies Classrooms -Literacy Across the Curriculum -Revision as the		-16 Workshops -14 ASU faculty -220 Public School Teachers	Outcomes This PD was supported and coordinated by the Public School Partnership. Individual outcomes will be reported by workshop providers.

A. Direct and Ongoing Involvement with/and Service to the Public Schools

Writing: Connection to 21st Contury Standards -Strategies for Integrating Science and Language Arts for Elementary -Teaching about Religious Diversity (K. 12) -In Our Own Voice -Using QR Codes in the Classroom -Transitioning on the Autism Spectrum -Science Concepts - Energy (K-2) & (3- 5) -Developing Fractional Concepts - Energy (K-3) & (3- 5) -Developing FracultyOutcomes OutcomesWerkshop providers will report individual outcomes.June 201415-Public School FacOutcomes ComponentWerkshop Energine alleghany-Literacy Across the CurriculumJune 201415-Public School FacSelection (3- Curriculum					1
AlexanderAlexander- Technology IntegrationJune 201415-Public School FacWorkshop providers will report individual outcomes.AlleghanyAlleghany-Literacy Across the CurriculumAugust 201424-Public School Fac		Connection to 21 <sup>st</sup> Century Standards -Strategies for Integrating Science and Language Arts for Elementary -Teaching about Religious Diversity (K- 12) -In Our Own Voice -Using QR Codes in the Classroom -Transitioning on the Autism Spectrum -Science Concepts (9-12) & (6-8) -Science Concepts - Energy (K-2) & (3- 5) -Developing Fractional Concepts (K-5) <b>Partnership</b> <b>Professional</b>		School	This PD was supported and coordinated by the Public School
Alexander       Alexander- Technology Integration       June 2014       15-Public School Fac         Alleghany       Alleghany-Literacy Across the Curriculum       August 2014       24-Public School Fac					will report individual
Alleghany Alleghany-Literacy August 24-Public 2014 School Fac	Alexander	Technology	June 2014		oucomes.
	Alleghany	Across the			
Ashe Ashe-Literacy 8/13/ 20-Public Across the 2014 School Fac Curriculum	Ashe		8/13/ 2014	20-Public School Fac	
Avery-Student 8/11/ 20-Public Centered Instruction 2014 School Fac	Avery	Avery-Student Centered Instruction			
	Burke	Burke- Differentiating Instruction	8/22/ 2014	20-Public School Fac	
Differentiating 2014 School Fac		Caldwell-Data-	10/13/	15-Public	1

		based Decision Making	2014	School Fac	
Elkin		Elkin- Differentiating Instruction	8/20/ 2014	20-Public School Fac	
Watauga		Watauga-Universal Design for Learning	8/15/ 2014	12-Public School Fac	
Wilkes		Wilkes-Technology	8/15/ 2014	24-Public School Tchrs	
Avery, Ashe, Alleghany, Alexander, Burke, Caldwell, Watauga. Elkin City, Wilkes	*Professional Learning Communities *Professional Development *Field Work	Partnership Mini- Grants. The ASU- Partnership Mini Grants are intended to assist schools with collaborative projects that are connected to teacher training in Field Based communities of Practice (FBCOPs) and may include but are not limited to student teacher internships, professional development of teachers, and/or student learning, classroom research, team teaching or classroom	2014-2015		
		ASU content or teacher education faculty.			
Watauga		Mini Grants Latinos Unidos: Promoting Youth Leadership and Engagement through an After- school Program Watauga High School The purpose of the Latinos Unidos club, which was started in 2013, is to increase Latin@ student engagement in academic and		1 Public School Teacher, 25	-Outcomes Through this project ASU elementary education majors increased their comfort with regards to developing and implementing a service learning project, they improved their cross-cultural communication skills and they learned about some

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	community	of the challenges
	activities. The club	faced by and
	seeks to promote	resources available
	healthy life choices	to bilingual Latino/a
	and reduce youth	high school
	involvement in	students.
	substance abuse and	The Latino high
	other risky	school students
	behaviors. Through	enrolled in Latinos
	participation in this	Unidos were able to
	club, the LU	receive additional
	participants develop	mentoring and
	leadership,	resources for
	communication, and	supporting
	conflict resolution	extracurricular
	skills. The club also	activities and field
	promotes and	trips to colleges and
	supports academic	universities that
	goals such as	they would not have
	developing	been able to achieve
	bilingualism,	without the support
	excelling in school,	of the mini-grant.
	and attending	or the mini grant.
	college. During club	
	meetings, members	
	participate in	
	physical and social	
	activities such as	
	athletics, cooking,	
	dancing, and team	
	building.	
XX/:11-og	" ASU Middle	1 ASU Outcomes
Wilkes,	Grades	Faculty, 11 Developed and
Caldwell		Public School increased the size of
	Program and Hudson Middle	Teachers, 160 the master teacher
	and Central	Public School cadres at each
	Wilkes Middle	Students, 10- schools by engaging
	School"	ASUstudents new teachers in the project:
		-Refined and
		finalized the
	Over Fall 2014 and	evaluation tools we
	spring 2015	
	semester the	used last year, with
	teachers involved in	a new focus on
	the project engaged	evaluating teacher
	in the next iteration	dispositions using
	of the	the dispositions in
	apprenticeship	action model as a
	program completed	means of inquiry
	at the same two	with teachers and
	schools last year,	student teachers in
	using the process	the schools:
	where middle	- Volition tools
	grades interns	have been refined
		and further adapted
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	attend the same classroom for both their 4490 block two 5 week full time internship and their spring student		and data from the dispositions in action form have been collected to foster further inquiry into its
	teaching experience. ASU professor met with the teachers involved to learn about mentoring/co- teaching model of student teaching supervision via a master teacher model. The teachers acted as the evaluators and supervisors of the student teachers, and the faculty member acted as their facilitator and professional development		implications for future matching of master teacher and apprentices. -Began to develop and define teachers as clinical faculty involved in the matching and selection process of new teachers as they come into the apprenticeship model
	mentor, meeting with the teachers as a group during student teaching, on site.		
Avery, Ashe, Alleghany, Alexander, Burke, Caldwell, Watauga. Elkin City, Wilkes	"Middle Level Language Arts PLC: Developing a field based community of practice apprenticeship network" The members of the ASU Partnership Language Arts/Middl e Level PLC will engage in exploration	2014-2015 on-going	Outcomes -Increase involvement and role expansion of the teachers in this PLC, moving toward more of a true clinical educator's role, including the preparation of pre- service teachers, collaboration and inquiry as a professional network and - Examining ways to build a field based community of practice across
	of and planning for the development of a		multiple schools and districts, including analyzing what such a network might

	network of		entail, need, and
	master		how it may look.
	teachers,		
	building on the		
	current		
	middle		
	level		
	apprentices		
	hip/master		
	teacher model. This		
	network of		
	teachers		
	from the		
	PLC will		
	engage in		
	mentoring/		
	coaching		
	of middle		
	grades pre-		
	service		
	teachers, site-based		
	inquiry		
	related to		
	the		
	network,		
	and		
	opportunities for the		
	teachers		
	involved to		
	build on		
	their		
	expertise and		
	established		
	leadership		
	roles to		
	move the		
	middle grades and		
	best		
	practices in		
	teaching		
	language		
	arts		
	agendas ahead.		
Asho Avony Watawas	"Expanding the	1 ASU	Outcomes
Ashe, Avery, Watauga	Language		-Learned about
		ASU Students,	
	Experience Approach with Big		collaborative global
	Books"		projects that relate
			to elementary and
	The Language		middle school age
	Experience		students, which
	Approach (LEA) is		address Common
	an instructional		Core Standards and

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model US	are examples of
teach and develop	international
oral language,	collaboration.
reading, and writing	-Experienced and
skills. Through the	interacted with an
LEA, students and	international
their teacher engage	community to
in a shared	establish
experience (e.g.,	relationships and
reading a Big Book	foster collaborative
together). Students	dialogEngaged in
then discuss the	self-reflective
experience, and	brainstorming on
following the	the type of project
discussion, they	they would like to
recount and dictate	implement in their
aspects of the	own classroom
shared experience to	-Identified potential
the teacher. The	collaborative global
result is a dictated	projects that would
story that is written	meet the standards
down in the	and needs of their
students' language	individual
by the teacher. The	classroom.
dictated story is	
read and reread by	
the students with	Collaborated and
the teacher's	consulted with
support. Finally,	Appalachian State
students engage in	University faculty
individual opinion-	and graduate
based writing	students and guided
compositions	them in the design
connected to the	and development of
shared experience.	a collaborative
	global project for
	their own
Six student teachers	classroom.
will travel to South	
Africa for the last	
five weeks of their	
student teaching.	
The University	
faculty member will	
teach and model for	
student teachers	
how to plan and	
teach through the	
LEA to develop	
-	
students' literacy	
skills. The goal of	
this project is for	
student teachers to	
read the Big Books in their student	

	teaching classrooms and engage in the LEA teaching sequences both domestically and internationally.		
Avery	" Appalachian Children's Literature: Fifth Graders and University Students Connecting through a Common Read and an Author Visit" Freedom Trail Elementary With the guidance of their principal, the faculty at Freedom Trail School are trying to "bring the world" to their students. Living in a remote, impoverished area of Avery County, students at Freedom Trail have limited direct exposure to authors and cultural events. In addition, many students come from homes where the adults do not have higher education. It is important for them to have role models who encourage them to do well in school and eventually pursue advanced education. Author Edie Hemingway has written <i>The Road to</i>	Faculty, 15 ASU Students, - 3 Public c School b Students, 75 a Public School s Students c Hi o t U U U U U U U U U U U U U U U U U U	Dutcomes Built communication between university and elementary tudents based on a common read Expanded the iteracy experiences of both groups hrough an author visit ncreased book ownership for tudents in a high- poverty school n a small way, notivated fifth graders' interest in tigher education
	<i>Tater Hill</i> , a novel		

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	set in the mountains
	of North Carolina.
	It is a story that
	resonates with both
	elementary students
	and university
	students living in
	this area. For this
	project both fifth
	graders at Freedom
	Trail Elementary
	and ASU students
	in "World Literature
	for Children" would
	read the book then
	communicate
	electronically about
	the themes, setting,
	characters, and plot
	of the story.
	ASU students will
	also tell the younger
	students about
	university life, send
	a few pictures, and
	encourage the fifth
	graders to aim for
	higher educational
	opportunities.
	As a final activity,
	author Edie
	Hemingway will
	speak to both the
	elementary students
	and the ASU class,
	sharing background
	information about
	the book and her
	writing process. She
	will also show
	concrete items
	related to the book
	and play the
	dulcimer, which is
	an important part of
	one chapter. The
	final
	communication
	between the two
	groups of students
	will focus on the
	author visit.
	Outcomes
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Watauga	"Narrative-Based	2 ASU	Outcomes
-	Gaming"	Faculty, 2	-Improved the
		Public School	existing AR games
	Green Valley	Teachers, 40	that have been
	Elementary	Public School	developed.
	This project will	Students	-Reviewed and rate
	build upon work		all AR materials
	done in 2013-14		associated with
	when a group of		each of the two
	Green Valley		games. Determined
	Elementary School		to be in need of
	teachers were taught		improvement
	how to build and		additional AR
	implement		interactions, as
	Augmented Reality		needed, to expand
	(AR) games. This		the existing games.
	technology		
	facilitates a		
	narrative-based		
	game focusing on a		
	central mystery.		
	The students solve		
	this challenge by		
	interacting with		
	objects in their		
	environment, each		
	of which provides		
	academic tasks that		
	"push" the narrative		
	forward. As part of		
	this work, two		
	games were		
	produced, one based		
	on the Gingerbread		
	Man story and the		
	second based on		
	Pirates. First,		
	teachers will expand		
	their games.		
	Second, teachers		
	will refine and		
	improve their AR		
	materials and refine		
	and reproduce		
	materials at a higher		
	production value.		
Natauga	"Sowing the Seeds		Outcomes
Watauga	of Learning in the		- Developed a set of
	Elementary Science		lesson plans that
	Classroom"		can be used by
	Classroom		teachers to meet
	Green Valley		multiple content
	The project we		goals Dresented
	propose builds on		-Presented

	previous successes	outcomes of the
	and partnerships at	project in
	Green Valley	practitioner
	School (GVS). We	journals, research
	used previous	articles, and
	partnership mini-	conference
	grants, along with	presentations
	other funding	
	sources to construct	
	a school garden at	
	the school and to	
	purchase grow	
	lights for classroom	
	teachers. While the	
	garden continues to	
	be successful, we	
	are hoping to	
	expand on the	
	project by	
	conducting	
	investigations with	
	GVS students that	
	are related to garden	
	topics (soils, plant	
	needs) within their	
	classrooms.	
	Because we live in	
	an area where there	
	is cold weather	
	much of the year,	
	the addition of plant	
	growing activities	
	during the colder	
	months extends the	
	learning	
	opportunities	
	provided by the	
	garden project.	
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Watauga	SWAP: Sharing	Outcomes
	(Expertise) With	Learners in each
	Another	setting will
	Professional	benefited from the
		newly introduced
	Green Valley	methods/materials
	The purpose of the	Each teacher
	SWAP project is to	broadened their
	use the unique	professional
	expertise of both	expertise by taking
	teachers during a	the newly
	limited exchange of	implemented
	professional	methods and
	positions to provide	materials from the
	learners in each	other teacher and
	setting (2 <sup>nd</sup> graders	embedding them
	setting (2 graders	within their own
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	@ Green Valley	future lessons
	and Block II	
	students in CI3110	
	– elementary social	
	studies methods)	
	with access to new	
	methods, content,	
	and/or materials	
	provided by the	
	"exchanged"	
	teacher. Prior to the	
	exchange day, each	
	teacher will share	
	with the other	
	participant what the	
	objectives are for	
	the day and other	
	pertinent	
	information.	
Watauga	"Do you hear what	Outcomes-
······································	I hear?	-Meaningful
	Investigating	learning
	Garden	opportunities for the
	Insects and their	second grade
	Sounds"	students because
	Sounds	they will participate
	Green Valley	in a series of
	Oreen vancy	lessons informed by
	This project	research-verified
	provides an	strategies from the
	opportunity for a	disciplines of
	science education	reading and science
	faculty member	education.
		-Meaningful and
	from the	lasting partnerships
	Department of Curriculum and	between university
	Instruction to	faculty and public
	collaborate with the	school teachers as they collaborate on
	second grade	this project. In
	teachers at Green	addition, the
	Valley Elementary	classroom teachers
	School in co-	will use the
	planning and	
	teaching an	resources in the
	integrated language	years to come.
	arts and science	-Meaningful
	unit. They will co-	learning
	plan a culminating	opportunities for the
	learning experience	pre-service teachers
	for the second grade	as they experience a
	sound unit that	classroom-tested set
	investigates how	of integrated
	garden insects make	lessons.
	their sounds. These	1

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		lessons will expand			
		on the hands-on			
		experience by			
		incorporating non-			
		fiction science			
		books. These			
		lessons would be			
		co-taught in the			
		classrooms and			
		school garden with			
		the Green Valley			
		teachers. After			
		teaching the			
		lessons, we would			
		reflect with the			
		teachers about what			
		went well and what			
		modifications could			
		improve the			
		learning experience.			
		The classroom			
		teachers would then			
		have a set of			
		resources that			
		allows for future			
		implementation in			
		years to come and			
		would be available			
		to current and future			
		second grade			
		teachers at Green			
		Valley who are			
		interested in			
		participating in the			
		school garden			
		program.			
		Additionally, a			
		second set of books			
		that would be			
		housed in the			
		science methods			
		classroom, allowing			
		professors to model			
		integrated teaching			
		strategies for our			
		future elementary			
		education majors.			
Watauga, Caldwell, Burke,	*Inter-national	During the	Fall 2014	5 Schools,	Outcomes
Wilkes	Outreach	internship phase		22 teachers,	-Offered productive
VIII III III		TEA Fellows			and lasting
		shadowed public			relationships and
		school teachers at			mutual
		meetings, interacted			understanding
		with members of			between the TEA
		local school boards			teachers and U.S.
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and parent-teacher-	teachers and their
organizations, and	students (continued
participated in	contacts and visits)
team-teaching with	-Increased
English teachers in	awareness of
the Alleghany,	cultural differences
Ashe, Avery,	of the students,
Caldwell, Watauga,	teachers, and the
and Wilkes county	families which
high schools. The	hosted them for a
team teaching-	weekend (as
internship	indicated by
experiences were	questions and
practical and hands-	statement from the
on. During the	students and
internship period,	teachers)
the TEA Fellows	
also learned more	
about educational	
leadership. At their	
school placements,	
they observed	
educational	
administrators in	
action, attended	
school board and	
parent-teacher	
association	
meetings to observe	
the educational	
policy decisions	
process and to see	
how parents and	
teachers work	
together.	
While at their	
internship schools,	
TEA Fellows made	
presentations about	
their countries and	
shared some aspects	
of their culture with	
the students and	
teachers. The TEA	
Fellows also met	
with pre-service	
students from the	
Reich College of	
Education. During	
this Forum,	
Appalachian	
students learned	
from the TEA	
Fellows about the	
educational systems	
Calculonal Systems	

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		as well as current			
		political			
		developments in			
		their respective			
		home countries.			
Avery, Ashe, Alleghany,	*Professional	Professional	2014-2015		
Alexander, Burke, Elkin	Learning	Learning			
City, Catawba, Wilkes,	Communities	Communities			
• · · · ·		(PLC): PLCs are			
Watauga,	*Professional	comprised of			
		content area			
	Development	university faculty,			
		middle and high			
		school content area			
		teachers, RCOE			
		faculty, curriculum			
		coordinators, and			
		RESA content			
		representatives who			
		participate in a			
		regular series of			
		meetings designed			
		to investigate the			
		connections among			
		academic courses			
		taken by pre-service			
		teachers, the North			
		Carolina Standard			
		Course of Study,			
		national standards,			
		EOC tests, and			
		accountability.			
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		HS Science PLC		2 ASU	-Outcomes
		Science PLC			Ongoing
		integrated more			-Suggestions for
		STEM activities			Sequencing
		into the content		School	-Suggestions for
		specified in the			quality assessment
		Essential Standards.		Public School	
		While the Essential		Students	examples
		Standards talk about			-Resources-loaded
		the facts/content			to Science Web
		that students should			page
		know, having a			
		better understanding			
		of why and how			
		those facts are used			
		today is just as			
		important to science			
		educators. We			
		looked for activities			
		that allow students			
		to understand the			
		content of the			

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	Essential Standards		
	through activities		
	that demonstrate		
	practical		
	applications of		
	STEM. Because		
	the curriculum in all		
	areas of science are		
	so broad we will be		
	focusing on		
	activities that can		
	defined as "in place		
	of" rather than "in		
	addition too"		
	activities. In other		
	words activities that		
	can teach the		
	content through		
	STEM rather than		
	adding to the things		
	that a teacher needs		
	to complete in their		
	course. We are		
	investigating easy		
	to use		
	applications/tools to		
	share these		
	activities between		
	ourselves and then		
	back to our		
	respective districts.		
	These materials are		
	also posted on the		
	Partnership website.		
	MS Language Arts		
	See "Middle Level		
	Language Arts		
	PLC: Developing a		
	field based		
	community of		
	practice		
	apprenticeship network"		
		0.4.977	
	High School	2 ASU	-Outcomes
	Math/Middle	Faculty, 16	-Option teaching
	School Math		model to use with
	-Common reading:		problem-based
		Public School	learning.
	Smarter than We		
	Smarter than We Think	Students	-Improved student
	Smarter than We	Students	
	Smarter than We Think	Students	-Improved student
	Smarter than We Think Upside-Down	Students	-Improved student
	Smarter than We Think Upside-Down model of teaching.	Students	-Improved student
	Smarter than We Think Upside-Down model of teaching. What is it about?	Students	-Improved student

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	model, not an "I		
	We/You" model		
	where the teacher		
	comes first.		
	Problem Based		
	Learning type		
	focus.		
	With the different		
	levels, how does		
	one properly		
	remediate? Small		
	groups allowed to		
	focus with the		
	teacher; review		
	programs on the		
	computers,		
	individual		
	remediation Part of		
	how to get kids		
	engaged is the pay		
	off at the end, a		
	sense of		
	accomplishment,		
	and a resolution to		
	the problem .How		
	many of us try to		
	use this model?		
	When is it		
	appropriate? It is ok		
	for teachers to slip		
	in and out of both		
	models.		
	Are posting lesson		
	plans and making		
	sure each teacher is		
	teaching the same		
	thing each day signs		
	of effective		
	teaching? What is a		
	good assessment?		
	Learning targets,		
	making sure each		
	assessment focuses		
	on what it is needed		
	for the next level.		
	Improved Student		
	Learning		
	Social Studies PLC	1 ASU	Outcomes
	"Creating a Social	Faculty, 8	-Ongoing
	Studies Resources	Public School	
	Website"	Teachers, 160	
			culture to support
	Fostering a	Students	educator
	collaborative		development and
	Conaborative		student learning
	10	1	stadent rearining

		culture to support educator development and student learning continuing to work on our website for resources which will meet the teacher leader standards. Work on civics and Economic Units for the website. In addition, develop products for formative assessment.			continuing to work on our website for resources which will meet the teacher leader standards. -Work on civics and Economic Units for the website. -Develop products for formative assessment.
		English PLC "Creating Teacher Leaders" Read and Discussed "Teacherpreneur" book. Shared and discussed District pacing guides.		Teachers, 160	Outcomes -Shared, discussed and uploaded pacing guides to Partnership website. -Discussed implications of "Teacherpreneur" book for teacher leadership.
Avery Alexander Alleghany Burke Mt. Stokes	*Recruitment	Teacher Cadet Programs: Agreements with 6 schools to sponsor Teacher Cadet programs. (2 fewer than last year) RCOE provides monetary support and opportunities for campus visits. ASU Teaching Fellows hosts visits to campus for these programs. ASU offers a support group for the instructors in the programs.	ongoing	Faculty 80 Students	-Visited ASU for Teacher Cadet Day. Students participated in presentations, campus tours, class visitations. ASU awards elective credit for students who complete the Teacher Cadet Program satisfactorily and enroll at ASU.
Avery, Ashe, Alleghany, Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga,	*Literacy	Mountaineer Summer Reading Program: This program is a partnership between the ASU athletic department and the	2014	57 schools, 26,000 books	Evaluation/Outcom es -Increased summer reading in the Partnership school -Gave students an opportunity to

		Reich College of			connect with higher
		Education and			education
		supports and			cuucution
		encourages literacy			
		among first through			
		eighth-grade			
		students in the ASU			
		Public School			
		Partnership.			
		The Partnership			
		schools are			
		provided with forms			
		for reading and			
		incentives. Winners			
		recognized at an			
		ASU football game.			
		Other winners			
		receive free tickets			
		to basketball games.			
		Students and			
		teachers in the			
		Partnership			
		provided with forms			
		for reading and			
		incentives. Winners			
		recognized at an			
		ASU football game.			
		8			
Avery, Ashe, Alleghany,	*Stem	STEM Outreach-	2014-2015		-Increased access to
	*Stem Outreach	<b>STEM Outreach</b> - The Partnership	2014-2015	Partnership	-Increased access to STEM information
Alexander, Burke, Elkin		<b>STEM Outreach</b> - The Partnership partners with the	2014-2015	Partnership schools	STEM information -Increase
Alexander, Burke, Elkin City, Caldwell, Wilkes,		<b>STEM Outreach</b> - The Partnership partners with the STEM community	2014-2015	Partnership schools receive	STEM information -Increase Partnership
Alexander, Burke, Elkin		STEM Outreach- The Partnership partners with the STEM community in providing	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about	2014-2015	Partnership schools receive information	STEM information -Increase Partnership
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools.	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates.	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes,		STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the	2014-2015	Partnership schools receive information	STEM information -Increase Partnership involvement in
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga,	Outreach	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership.		Partnership schools receive information	STEM information -Increase Partnership involvement in STEM events
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga, Avery, Ashe, Alleghany,	Outreach *Cultural	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership. Cultural Arts and	2014-2015 2014-2015	Partnership schools receive information All	STEM information -Increase Partnership involvement in STEM events -School program to
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga, Avery, Ashe, Alleghany, Alexander, Burke, Elkin	Outreach	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership. Cultural Arts and Education		Partnership schools receive information All Partnership	STEM information -Increase Partnership involvement in STEM events
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga, Avery, Ashe, Alleghany, Alexander, Burke, Elkin City, Caldwell, Catawba,	Outreach *Cultural	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership. Cultural Arts and Education Outreach -The		Partnership schools receive information All Partnership schools	STEM information -Increase Partnership involvement in STEM events -School program to
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga, Avery, Ashe, Alleghany, Alexander, Burke, Elkin City, Caldwell, Catawba, Wilkes,	Outreach *Cultural	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership. Cultural Arts and Education Outreach -The Partnership partners		Partnership schools receive information All Partnership schools receive	STEM information -Increase Partnership involvement in STEM events -School program to
Alexander, Burke, Elkin City, Caldwell, Wilkes, Watauga, Avery, Ashe, Alleghany, Alexander, Burke, Elkin City, Caldwell, Catawba,	Outreach *Cultural	STEM Outreach- The Partnership partners with the STEM community in providing information about STEM events to Partnership schools. Updates are provided and placed on a Partnership calendar and superintendents and coordinating council members and representatives receive updates. New webpage of STEM activities provided for the Partnership. Cultural Arts and Education Outreach -The		Partnership schools receive information All Partnership schools	STEM information -Increase Partnership involvement in STEM events -School program to

		• 1			l
		program to provide information about			
		cultural arts events			
		and curriculum			
		programs for			
		Partnership schools.			
		Updates are			
		provided and placed			
		on a Partnership			
		calendar and			
		superintendents and			
		coordinating			
		council members			
		and representatives			
		receive updates.			
		Curriculum guides			
		are sent to schools			
		that are			
		participating in			
		events.			
The Hill Center,	Parent	Presented a training	10/16/14	Approx. 30	
	Information	for families with			
Durham, NC		children with			
		disabilities			
		regarding IEPs.			
		Collaborated with			
		Jennifer Diliberto,			
		Special Education at			
		UNC-CH			
Toni Linder	WCS wanted to	Presented a two-day	5/27/14	Approx. 10	They now have a
Transdisciplinary Play-	start a TPBA2	training to WCS.	&		TPBA2 team and
	team for 3-5	U U	6/10/15		children 3-5 years
Based Assessment	year olds. They				are able to have
(TPBA2) training for	asked me to				developmentally
Watauga County Schools	train their staff				appropriate
(WCS)	(e.g., itinerate				assessments.
	special				
	education				
	teachers, speech				
	therapists,				
	occupational				
	therapists,				
	physical				
	therapists,				
	psychologists)				
Toni Linder	NCS wanted to	Presented a one-day	7/1/14	Approx. 10	They now have a
Transdisciplinary Play-	start a TPBA2	training to NCS.			TPBA2 team and
Based Assessment	team for 3-5				children 3-5 years
(TPBA2) training for	year olds. DPI				are able to have
Newton-Conover	gave them my name to train				developmentally
	their staff (e.g.,				appropriate assessments.
Schools (NCS)	itinerate special				assessinents.
	education				
		22			

Watauga	teachers, speech therapists, occupational therapists, physical therapists, psychologists) Watauga County Schools	Arranged and facilitated visits to a	2015	Multiple schools and classrooms	None available
Oakland Co., Waterford MI; Bloomfield MI; Wilkes, Co; Burnsville, NC; Watauga Co; Hickory City; New London, CT; Rapid City, SD; Pontiac, MI; Mocksville, NC	Transition Assessments completed 2014-2015 for a variety of schools and locations	assessments in three	end of June 2015	testing.	Services were rendered to a variety of school systems in order to more appropriately place students in appropriate curricula.
Rapid City, SD	Workshop at an alternative school	10 participants (instructors at a Rapid City, SD Alternative School took part in an on- line workshop focused on transitions and assessments.	Sept. 2014	10 Teachers	No additional follow-up was planned.
Ashe County Schools, West Jeffereson, NC	Gen. Ed. & Sp. Ed. teachers requested assistance with teaching reading	Reading Council: Ashe County	Feb. 2015	25 students with various degrees of Autism	Positive comments regarding presentation, follow-up questions several days later

			1		11
Sponsoring Organization	to students with autism				
- Price Reading Council:	auusiii				
Ashe County					
				10	
Avery County Schools	Math 1 Curriculum	SCI-VENTRUES PROGRAM:	March 31, 2015	10	Level 1 Test participation
• Avery Middle School=9	Curriculum	NCCTM Math	2015		participation
Cranberry Middle		Contest			
School=1				-	
Buncombe County	Math 1 Curriculum	SCI-VENTRUES PROGRAM:	March 31, 2015	3	Level 1 Test
Schools	Curricululli	NCCTM Math	2013		participation
Charles D. Owen Middle		Contest			
School=3					
<b>Caldwell County Schools</b>	Math 1	SCI-VENTRUES	March 31,	26	Level 1 Test
• Collettsville School=3	Curriculum	PROGRAM: NCCTM Math	2015		participation
Gamewell Middle		Contest			
School=10					
Happy Valley School=3					
Hudson Middle					
School=8					
William Lenoir Middle					
School=2	Math 1		March 31,	20	Land 1 Test
Catawba County Schools	Curriculum	SCI-VENTRUES PROGRAM:	2015	20	Level 1 Test participation
Maiden Middle     Sebeel=10	Curriculum	NCCTM Math	2015		participation
School=10 Mill Creek Middle		Contest			
School=10					
	Math 1	SCI-VENTRUES	March 31,	5	Level 1 Test
Charlotte-Mecklenburg	Curriculum	PROGRAM:	2015	5	participation
Schools Lake Norman Charten		NCCTM Math	-010		participation
Lake Norman Charter		Contest			
School=5	Math 1	SCI-VENTRUES	Manah 21	24	Land 1 Test
Hickory City Schools	Math 1 Curriculum	PROGRAM:	March 31, 2015	24	Level 1 Test participation
Grandview Middle     School=12	Currentan	NCCTM Math	2013		pullioipulloii
Northview Middle		Contest			
School=12					
School=12					
Indonandant: Forauth	Math 1	NCCTM Math	March 31,	10	Level 1 Test
Independent; Forsyth County	Curriculum	Contest	2015	10	participation
Forsyth Country Day					
School=10					
Independent;	Math 1	SCI-VENTRUES	March 31,	12	Level 1 Test
Mecklenburg County	Curriculum	PROGRAM:	2015		participation
Providence Day		NCCTM Math			
•	•	24			

School=12		Contest			
Avery County Schools	All High School	SCI-VENTRUES	March 31, 3		Comprehensive
Avery High School=3	e		2015	۲ 	Fest participation
Caldwell County Schools South Caldwell High School=10	All High School Curricula	SCI-VENTRUES PROGRAM: NCCTM Math Contest	March 31, 10 2015		Comprehensive Fest participation
Independent=Forsyth County Forsyth Country Day School=11	All High School Curricula	SCI-VENTRUES PROGRAM: NCCTM Math Contest	March 31, 11 2015		Comprehensive Fest participation
Independent=Mecklenbu rg County Providence Day School=23	All High School Curricula	SCI-VENTRUES PROGRAM: NCCTM Math Contest	March 31, 23 2015		Comprehensive Fest participation
Wake County Schools Enloe High School=3	Curricula	SCI-VENTRUES PROGRAM: NCCTM Math Contest	March 31, 1 2015		Comprehensive Fest participation
Winston-Salem/Forsyth County Schools Atkins Academic & Technology High School=5	All High School Curricula	SCI-VENTRUES PROGRAM: NCCTM Math Contest	March 31, 5 2015		Comprehensive Fest participation
<ul> <li>43 North Carolina Schools</li> <li>33 public</li> <li>2 charter</li> <li>3 early college</li> <li>5 private</li> <li>Students from 27 North</li> <li>Carolina Counties</li> </ul>	<ul> <li>beyond HS: STEM enrichment including research</li> <li>Average GPA (unweighte</li> </ul>	Math-Science Center: Courses: [Those in BOLD are research courses.] • Aquatic Environmenta I Science (Biological Sciences) • Biomedical Research (Biological Sciences & Medicine) • Ethical Hacking (Computer Information Systems) • Exploratory Data Analysis (Statistics & Mathematical Sciences)	July 5 – 56 August 2, 2014	5	<ul> <li>completed</li> <li>coursework</li> <li>that is not</li> <li>typically</li> <li>offered at the</li> <li>secondary or</li> <li>post-secondary</li> <li>level</li> <li>(specialized</li> <li>courses</li> <li>designed by</li> <li>faculty in their</li> <li>professional</li> <li>expertise</li> <li>areas).</li> <li>Students write</li> <li>a research</li> <li>paper of the</li> <li>quality for</li> <li>publication.</li> </ul>

						formal research
			Flight Science			
			(Physical Sciences &			symposium. Studente norticinete
						Students participate
			Engineering) Forensic			in living on a
			Science			university campus
						and gain career and
			(Biological			college readiness
			Sciences)			skills in addition to
			Global			social development
			Climate			skills.
			Change			
			(Biological,			
			Earth, &			
			Physical			
			Sciences)			
			Interactive			
			Science			
			(Engineering &			
			Mathematics)			
			Physics			
			Phenomenon			
			(Physical			
			Sciences)			
			lem Solving			
			thematical			
			nces)			
Wake; New Hanover;	CEUs for		h-Science			Teachers rated the
Durham	professional		•	2014		experience as
			ough Common			meaningful for their
	teachers of math					positions
			ictor was Dr.			
			e Bossé of the			
			Department of			
		Matl	nematics			
Watauga; Henderson,	CEUs for	Mat	h-Science	7-11 July	Six teachers	Teachers rated the
Durham, Brunswick	professional	Cen	ter: Common	2014		experience as
Durnann, Druns wiek	development of	Core	e Math I.			meaningful for their
	teachers of math	Instr	uctor was			positions
		Step	hanie Smith			
Watauga, New Hanover,	CEUs for	Mat	h-Science	7-11 July	Eight teachers	Teachers rated the
Henderson	professional			2014		experience as
Hendel Son	development of	5 Al	gebra and			meaningful for their
	teachers of math					positions
		Com	mon Core.			T
		Instr	uctors were Dr.			
		Kath	leen Lynch-			
			is & Ms. Emily			
		Elro	-			
Watauga, Henderson	CEUs for		h-Science	7-11 July	Six teachers	Teachers rated the
watauga, nenuerson	professional		ter: Grades 6-8			experience as
	<b>1</b>		bra and	2011		meaningful for their
	teachers of math					positions
	couchers of math				1	r source and
		Com	mon Core			
			mon Core. uctor was Dr.			

		Kathleen Lynch- Davis			
Alamanca, Guilford, Watauga, Henderson, Georgia		Math-Science Center: Building Mathematical Thinkers through Assessment and Inquiry for Grades 9-12. For this course, the visiting instructor was Malen Braswell	14-18 July 2014	Six teachers	Teachers rated the experience as meaningful for their positions
Watauga, Orange	CEUs for professional development of teachers of math	5 Geometry in the	14-18 July 2014	Four teachers	Teachers rated the experience as meaningful for their positions
Watauga	CEUs for professional development of teachers of math	Math-Science Center: Grades 6-8 Geometry in the Common Core. Instructor was Dr. Kathleen Lynch- Davis	2014	Three teachers	Teachers rated the experience as meaningful for their positions
Lincoln, Buncombe, Iredell, Thomasville, Wilkes, Davidson, Union, Mecklenburg, NCSSM	Mathematics research to be used with common core instruction	Math-Science Center: Research Experience for Teachers Program: Data Analysis & Mining, Visualization, and Image Processing. Instructor was Dr. Rahman Tashakkori, et. al.		Twelve teachers	Teachers rated the experience as meaningful for their positions
Ashe, Caldwell, Lincoln, Watauga	CEUs for professional development of teachers of sci	Math-Science Center: Science and Sustainability Seminars (2 hours each). Dates included Sept. 18&25, Oct. 2&9&23, Nov. 13, and April 16&23. Instructors included Drs. Tonya Coffey, Gary Walker Dan Caton, Brett Taubman, Rachel Wilson, Mses. Carla Ramsdell, Sammye Sigmann, and Laura	2014 to 23 Apr 2015	Six teachers and 265 others.	Teachers rated the experience as meaningful for their positions

		England			
Ashe, Alexander, Caldwell, Burke, Wilkes, Person, Avery, Catawba, Watauga, Caswell	CEUs for professional development of teachers of sci	Math-Science Center: NC Science & Engineering Fair Workshop: Inspiring Innovation in Student Research Instructors Judy Day and Mary Farwell from NCSEF	July 8, 2014	20 teachers	Teachers rated the experience as meaningful for their positions
Alexander, Caldwell, Catawba, Iredell- Statesville	CEUs for professional development of teachers of sci	Math-Science Center: Solar Thermal Water Heating Fundamentals Workshop. Instructor was Dr. Brian Raichle	July 11- 12, 2014;	5 teachers and 23 others	Teachers rated the experience as meaningful for their positions
Burke, Caldwell, Catawba, Wilkes	CEUs for professional development of teachers of sci	Math-Science Center: Exploring Language Literacy in Middle and Secondary Science Workshop totaling 90 hours between June 16 and October 25, 2014. Instructor was Jennifer Geib	16 June- 25 Oct 2014	16 teachers	Teachers rated the experience as meaningful for their positions
Two Rivers Comm School, Watauga.	CEUs for professional development of teachers of math	Math-Science Center: Four workshops totaling 14 hours on mathematics curriculum, use of manipulatives, fractions and vertical alignment; Dec. 12, 2014, March 4, 2015, April 22 & 29, 2015. Instructors were Betty Long and Debbie Crocker	12 Dec 2014 to 29 Apr 2015	20 teachers	Teachers rated the experience as meaningful for their positions
Watauga, Avery, Ashe	Community outreach in the area of science	Math-Science Center: Family Science Nights (4- hour sessions) in 2014: Insects	July 2014	28 teachers, 552 students, and 8 parents	No evaluation available

		I		I	1
		Presentation at			
		Blowing Rock			
		School in Watauga			
		County for 4			
		teachers and 43			
		students (Sept. 12),			
		Science			
		Extravaganza in			
		Avery County for			
		10 teachers and 175			
		students (Oct. 14);			
		in 2015 (2-hour			
		sessions) for a total			
		of 4 teachers, 34			
		students and 8			
		parents at the			
		following			
		elementary schools:			
		Grace Academy			
		with students from			
		Ashe, Avery and			
		Watauga County			
		(Apr. 12), Mountain			
		Pathways in			
		Watauga County			
		(Apr. 23), and (4-			
		hour session on July			
		26) Science for			
		Ashe County Fair			
		for 10 teachers and			
		300 students; Mses.			
		Judy Sink and Lou			
		Moore			
			20.0.4	Data	NT 1 1 1 1 1
	Community	Math-Science	29 Oct	Data	No evaluation
	outreach in the	Center: Family		unavailable	available
	area of	Math Nights (2-	Apr 2015		
Gaston,	mathematics	hour sessions) for			
Guston,		130 teachers, 487			
		students and 433			
		parents at the			
		following schools in			
		2014: Deyton Elem.			
		Gr. 4-5 in Mitchell			
		Co. (Oct. 29), Tuttle			
		Elem Gr. K-5 in			
		Catawba Co. (Nov.			
		14), Cooleemee			
		Elem. Gr. 3-5 in			
		Davie Co. (Nov.			
		19), G.E. Massey			
		Elem. Gr. K-1 in			
		Lincoln Co. (Dec.		1	
		2) $C E M_{abs}$			
		3), G.E. Massey			
		3), G.E. Massey Elem. Gr. 2-3 in Lincoln Co. (Dec.			

		5), ; In 2015: Scott's Elem. Gr. K-5 in Iredell- Statesville Schools (Feb. 5), Harmony Elem. Gr. K-2 in Iredell-Statesville (Mar. 5), West Iredell Middle School Gr. 6-8 in Iredell-Statesville (Mar. 10), Hardin Park Elem Gr. 3 in Watauga Co (Mar. 12), Bessamer Middle School Gr. 6-8 in Gaston Co. (Mar. 23), Banoak Elem. Gr. K-5 in Catawba Co. (Apr. 14). MSEC center staff were instructors		
Wilkes, Caldwell, Yancey, Watauga, McDowell, Iredell, Catawba, Caldwell, Ashe, Avery	School groups outreach in the area of science and mathematics	Math-Science Center: Science Activities for visiting school groups (1 to 2-hour sessions) in 2014: Wilkesboro Elem. School Grade 5 in Wilkes Co. (Sept. 14), Dudley Shoals Elem. Grade 4 in Caldwell Co. (Oct. 21), Cane River Middle in Yancey Co. (Oct. 24), Roaring River Elem. Grade 4 in Wilkes Co. (Oct. 30), Communities in Schools Grade 8 (Oct. 31), Two Rivers Middle in Watauga Co. (Nov. 14), Science and Math Activities for CB Eller Grade 5 in Wilkes Co. (Nov. 21); In 2015: McDowell GEAR UP Grade 6 in	and 87 teachers.	No evaluations are available, but most groups are "repeat" visitors from earlier years.

McDowell Co. (Mar. 3), American Renaissance School Grade 6 in Iredell Co. (Mar. 17), Charles McGrary Elem. Grade 5 in Asheboro (Mar. 26), Mulberry Elem. Grade 4 in Wilkes Co. (Mar. 27), Banoak Elem. Grade 6 in Catawba Co. (Mar. 31), Hudson Elem. Grade 5 in Caldwell Co. (Apr. 16), Two Rivers Grade 2 in Watauga Co. (Apr. 17), Westwood Elem. Grade 5 in Ashe County (April 24), STEM Expo Demonstrations for Middle School during the NC Science Festival (April 22, schools from Ashe, Avery & Watauga counties). Total	
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(April 22, schools from Ashe, Avery & Watauga	
from Ashe, Avery & Watauga	
& Watauga	
number of	
participants: 1530	
students and 87	
teachers. Mr. Jeff	
Goodman led all	
sessions except for	
the math portion of	
the session for CB	
Eller on Nov. 21	
which was led by	
Dr. Tracie Salinas	
Watauga CountyUse ofResearch regardingA. Y.5 studentsPending the end	
(Hardin Park) technology in learning with the 2014-2015 with year grading an	d
teaching and iPad as an disabilities reporting	
learning instructional	
interventionby 5	
students with	
significant	1
disabilities	
Avery County and Increase ASU Partnerships AY 2014- 40 in-service Based on	
Allegheny County strategies and with two counties to 2015 and teachers attendance, gra	
effectiveness in deliver Professional continuing and GPA, the e	

Burke COunty	reading education Analyzing data use processes built around the NC Final Exams	Burke County schools (two middle schools in particular) through our URC (University	2015	2 ASU professors and Burke County school administrators	is going well. Scores of EOGs are not yet received for an evaluation of the direct impact. Project in data collection phase
		Research Council) grant entitled, Data Use Practices in North Carolina: Investigating the NC Final Exams.			
Avery County	Meeting the needs of the Freedom School for reading improvement	a semester long reading clinic at Freedom Trail School in Avery County. This course met twice a week. I along with two highly trained supervisors,	AY 2014- 2015	Utilized ASU students (20) in tutoring for K-12 students for reading skills	None available
Outreach aimed at northwestern North Carolina counties	Outreach in the areas of science and mathematics	Math-Science Center: North Carolina Science Festival STEAM Expo Day on April 22, 2015: Hands-on Activities in Math & Science led by Phil Johnson, Dr. Betty Long, Ms. Vickey Isaacs, Ms. Sherry Nikbakht, Ms. Judy Sink and Ms. Lou Moore	22 April 2015	50 teachers 2700 students	No evaluation available
Ashe County	Outreach in the areas of math and science	Math-Science Center: Special Events Math & Science: Math for Ashe County Fair Dr. Betty Long	26 July 2014	10 teachers, 300 students	No evaluation available
Watauga County	Outreach in the area of engineering	Robotics for Parkway Playhouse Build Fest in Watauga County		10 teachers 250 studnets	No evaluation available

		Coordinator of the event was Dr. Eric Marland			
Watauga County	Outreach and collaboration with the local school entity	Lucy Brock at Parkway School. ASU has assisted Watauga County Schools (WCS) by establishing a PK program where budgetary cutbacks of the WCS could not continue. The operation of the p-k uses the ASU's Lucy Brock school model while meeting the needs of WCS students. A formal contract documents the collaboration.	1 July 2014 – 1 July 2015		Evaluations not yet available (standard for Lucy Brock, pending Watauga feedback)
Watauga County	Outreach and collaboration with the local school entity	Establishing a Language arts Lab in a local middle school where an ASU fac teachers reading and writing to middle school students to model effective pedagogy for the classroom teacher. Site is becoming a language arts lab for ASU teacher candidates while increasing the pedagogical knowledge of the teachers	April 2015 – July 2015	1+1 16 7 <sup>th</sup> graders	Evaluation in a book of student writings and Spreadsheets of formative student assessments.

### **B.** Brief description of unit/institutional efforts to promote SBE priorities.

For the 2014-15 report, briefly describe your current efforts or future plans to respond to the recent legislative provisions below.

a) All candidates are prepared to use digital and other instructional technologies to provide high-quality, integrated digital teaching and learning to all students.

Every teacher education student, regardless of teaching area or level, takes mandated courses in, and is formally assessed regarding their ability to use, 21<sup>st</sup> century technology in their teaching. In fact, a candidate's first course in the professional education core is Cl 2300, Teaching and Learning in the Digital Age. Consistent with the blueprints filed in answer to the North Carolina Department of Instruction program re-visioning efforts, students are required to accomplish an assignment during the Cl 2300 course and place it on the unit's electronic assessment system where it is assessed by the course instructor on a rubric common across all sections and all instructors of the course. This assignment, "Media Analysis and Evaluation" requires a student to demonstrate his/her ability to select an appropriate digital enhancement for a content unit. The student must successfully complete this assignment in order to progress into subsequent teacher preparation courses and experiences.

The unit is prepared with dedicated computer, media production and instruction spaces for computerbased tools as well as a Smart-technology instructional space. The emphasis on technologically enhanced instruction is a thread that continues throughout each program of the unit, is evident in the elementary education program through the required course CI 3750, Integrating Media and Technology into Teaching. Every candidate's program includes enhancement of the teacher candidate's teaching as well as enhancement and reinforcement of each student's learning. Technology is included in the unit's assessment system as a component of required Electronic Evidences number 3 and 5 that are geared to the preparation for, execution of, and critical reflection regarding the teacher candidate's teaching and their students' learning. This priority is well addressed by the professional education unit at Appalachian State University.

b) Assess elementary and special education: general curriculum candidates prior to licensure to determine that they possess the requisite knowledge in scientifically based reading and mathematics instruction that is aligned with the State Board's expectations. *Describe your efforts for ensuring candidates are prepared for the new Foundations of Reading and General Curriculum licensure exams effective October 1, 2014.* 

As required by North Carolina statute and North Carolina Department of Public Instruction regulations, an ASU teacher education student may not progress to formal study as teacher education candidates until they have demonstrated competence in all areas of the ASU general education plan. Further, education candidates may not progress to student teaching until such time that the entire professional education core and all methods-related courses are complete. General education courses comprise the vast majority of an ASU student's first-year and sophomore experience. In order to progress to a status of a teacher education candidate fully accepted into teacher education, students must demonstrate at least a "2.50" GPA, and passing scores on the PRAXIS I exams in Reading, Writing and Mathematics, or qualified scores on the SAT or ACT tests. Further, as part of their professional preparation, between major-required and General Education-required courses, an elementary student must perform well in three courses regarding mathematics, and three courses regarding reading concepts. Special education candidates take three courses in reading and two in mathematics with mathematics found in many other major courses. Additional courses in the general education plan for both elementary and special education majors address the sciences, fine arts, and aesthetic designations. Previous to student teaching, each candidate in teacher education must undergo an audit to assure that all courses and experiences are complete at the requisite level. ASU has recently implanted a tool so that students and advisors alike can monitor progress. This tool, DegreeWorks, offers the opportunity to every student to follow their progress through the program. The efforts of the students, together with the efforts of faculty who have adapted their course content to reinforce the necessary knowledge and skills, we expect that our students will do well in the licensure exams required at each candidate's point of exit. Data regarding pass rates are difficult to interpret at this point given that we can be sure that we have only those elementary candidates who are qualified for licensure. By definition, that means that all candidates about which we are sure, have passed the tests. Later during the summer, 2014-15 test-takers will be provided so that we can calculate true pass rates on all ETS and NES tests. Until that time, it appears that the elementary candidates at Appalachian have a near perfect record on all NES tests.

c) Candidates (preparing to teach in elementary schools) are prepared to apply formative and summative assessments within the school and classroom setting through technology-based assessment systems available in North Carolina schools that measure and predict expected student improvement.

A course taken by all teacher candidates (formally accepted into teacher education) is CI 3400, Policies and Practices in Education Assessment. During this course, the concepts of assessment are fully explored. Two required student assignments include the "Curriculum Based Assessment" and the "Analysis of Student Learning." All teacher candidates must demonstrate their competence in measuring student performance and predicting future performance by using technology and student data sets purchased for realistic exercise. Both assignments mentioned above are components of the Professional Education Core expected to be completed by all ASU education candidates regardless of content area or level. They are a formal part of our assessment system with results carefully examined at the program and at the unit level. Given the use of data sets that mirror the real world of assessment, and given the high quality of technical preparation for classroom assessment, the ASU teacher candidate should be completely prepared for duties in their teaching role.

## d) Candidates (preparing to teach in elementary schools) are prepared to integrate arts education across the curriculum.

As part of the ASU General Education plan, each elementary education major takes two courses in art, music, and/or theatre. This provides them with a good base of knowledge. A number of required courses in the elementary education major requirements include methods and teaching using the arts. With courses such as CI 4400, Elementary School Curriculum & Instruction, the integration of arts into teaching and learning in the elementary school.

### **II. CHARACTERISTICS OF STUDENTS**

## A. Headcount of students formally admitted to and enrolled in programs leading to licensure.

	Full Ti	me		
	Male		Female	
Undergraduate	American Indian/Alaskan Native		American Indian/Alaskan Native	5
	Asian/Pacific Islander	4	Asian/Pacific Islander	16
	Black, Not Hispanic Origin	8	Black, Not Hispanic Origin	8
	Hispanic	10	Hispanic	24
	White, Not Hispanic Origin	267	White, Not Hispanic Origin	80
	Other		Other	5
	Total	289	Total	86'
Licensure-Only	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin		Black, Not Hispanic Origin	1
	Hispanic		Hispanic	
	White, Not Hispanic Origin	5	White, Not Hispanic Origin	9
	Other		Other	
	Total	5	Total	10
	Part Ti	me		
	Male		Female	
Undergraduate	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin		Black, Not Hispanic Origin	1
	Hispanic		Hispanic	
	White, Not Hispanic Origin	5	White, Not Hispanic Origin	38
	Other		Other	2
	Total	5	Total	41
Licensure-Only	American Indian/Alaskan Native		American Indian/Alaskan Native	1
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin		Black, Not Hispanic Origin	
	Hispanic		Hispanic	
	White, Not Hispanic Origin	1	White, Not Hispanic Origin	3
	Other		Other	
	Total	1	Total	4

### B. Lateral Entry/Provisionally Licensed Teachers Refers to individuals employed by public schools on lateral entry or provisional licenses.

Program Area	Number of Issued Program of Study Leading to Licensure	Number Enrolled in One or More Courses Leading to Licensure				
Prekindergarten (B-K)	7	0				
Elementary (K-6)	11	5				
Middle Grades (6-9)	11	4				
Secondary (9-12)	15	8				
Special Subject Areas (k-12)	12	5				
Exceptional Children (K-12)	4	1				
Total	60	23				
Comment or Explanation:						

### C. Quality of students admitted to programs during report year.

	Baccalaureate				
MEAN SAT Total	1,200.61				
MEAN SAT-Math	571.23				
MEAN SAT-Verbal	568.85				
MEAN ACT Composite	25.88				
MEAN ACT-Math	24.75				
MEAN ACT-English	24.70				
MEAN PPST-Combined	526.89				
MEAN PPST-Reading	179.97				
MEAN PPST-Writing	176.36				
MEAN PPST-Math	179.28				
MEAN CORE-Combined	516.25				
MEAN CORE-Reading	177.61				
MEAN CORE-Writing	169.53				
MEAN CORE-Math	164.98				
MEAN GPA	3.38				
Comment or Explanation:					
*-Less than five scores reported.					

Program Area	Baccalaureate Degree		Undergraduate Licensure Only	
PC Completed program but has not applied for or is not eligible to apply for a license LC Completed program and applied for license	РС	LC	РС	LC
Prekindergarten (B-K)	2	7		
Elementary (K-6)	30	113	1	1
Middle Grades (6-9)	6	33	1	
Secondary (9-12)	60	35	1	2
Special Subject Areas (K-12)	40	31		1
Exceptional Children (K-12)	4	14		
Vocational Education (7-12)	6	21		1
Special Service Personnel				
Total	148	254	3	5
Comment or Explanation:				

### D. Program Completers (reported by IHE).

### E. Scores of student teachers on professional and content area examinations.

	2013 - 2014 Student Teacher Licensure Pass Rate					
Specialty Area/Professional Knowledge	Number Taking Test	Percent Passing				
Biology	1	*				
Business Education	1	*				
Elementary Education	127	98				
History	2	*				
MG-Language Arts	1	*				
Math (grades 9-12)	1	*				
Special Education: Adapted Curriculum	23	100				
Special Education: BED	1	*				
Special Education: General Curriculum	10	100				
Institution Summary	167	99				
* To protect confidentiality of student recorver were not printed.	ds, mean scores based on fewe	r than five test takers				

## F. Time from admission into professional education program until program completion.

		Ful	ll Time			
	3 or fewer semesters	4 semesters	5 semesters	6 semesters	7 semesters	8 semesters
Baccalaureate degree	15	39	66	76	153	42
U Licensure Only						
		Par	rt Time			
	3 or fewer semesters	4 semesters	5 semesters	6 semesters	7 semesters	8 semesters
Baccalaureate degree		2	2	4	2	
U Licensure Only						
Comment or Ex	planation					

# G. Undergraduate program completers in NC Schools within one year of program completion.

2013-2014	<b>Student Teachers</b>	Percent Licensed	Percent Employed
Bachelor Institution	446	95	69
Bachelor State	4,369	92	63

 H. Top10 LEAs employing teachers affiliated with this college/university. Population from which this data is drawn represents teachers employed in NC in 2014-2015.

LEA	Number of Teachers
Winston-Salem/Forsyth Schs	511
Caldwell Co Schs	470
Wake Co Schs	444
Catawba Co Schs	443
Charlotte-Mecklenburg Schs	434
Wilkes Co Schs	390
Burke Co Schs	367
Gaston Co Schs	301
Guilford Co Schs	271
Cleveland Co Schs	246

I. Satisfaction of program completers/employers with the program in general and with specific aspects of the program, as rated on a 1 (lowest) to 4 (highest) scale.

### **III. Teacher Education Faculty**

Appointed full-time in professional education	Appointed part-time in professional education, full- time in institution	Appointed part-time in professional education, not otherwise employed by institution
96	2	62