

Evidence of Educational Need

Evidence 1—The Learning Gap between Shanghai and North Carolina

North Carolina Students' Performance

Making all the students perform on the grade level has always been a top priority for the NC DPI but it seems there is still a long way to go. In the 2014-15 academic year, only 52.2% of North Carolina students were proficient (Level 3 or above) in Math state tests and only 56.3% were proficient in Reading (NC DPI, 2015).

How Far are America and North Carolina from the Top?

How is North Carolina's education ranked in the world? Three states (i.e., CT, FL, MA) participated in the 2012 PISA study. We may infer North Carolina's ranking from the performance of Florida, another southern state. Florida did a little better than North Carolina on the 2015 NAEP (Chingos & Blagg, 2015) so using Florida's scores may actually overestimate North Carolina's a little bit. The 2012 PISA data shows that Shanghai's 8th graders were three years ahead of the world average in math. The gap between Shanghai students and North Carolina/Florida students in math may be a stunning four years (613 vs 467)! Shanghai's students in the lowest socioeconomic status quarter are over one year ahead of North Carolina/Florida students in the top SES quarter (562 vs 521)! So North Carolina students' basic skills are in a deplorable state both in absolute terms (Nearly half are below grade level) and relative terms (four years below Shanghai students in math).

Table 1: A Comparison of PISA Scores

	Math			Reading	Science
	Average	Highest SES Quarter	Lowest SES Quarter	Average	Average
Shanghai, China	613	660	562	570	580
Singapore	573	627	523	542	551
Finland	519	555	488	524	545
Massachusetts	514	576	459	527	527
Connecticut	506	570	450	521	521
UK	494	545	458	499	514
US	481	532	442	498	497
Florida	467	521	430	492	485

Learning from China

The two countries that American educators talk about the most are Singapore and Finland. Finland is not very remarkable if compared with Massachusetts. Students in these two

places had similar performances in Math (519 vs 514) and Reading (524 vs 527) but Finland students did better in Science (545 vs 527). Singapore math has been adopted by many American schools but Singapore students are one year behind Shanghai students in math (573 vs 613)! The 2009 and 2012 PISA studies created a new superstar—Shanghai, but why American educators still talk about Singapore and Finland? Why do we learn from the second best when there is a clear best? Americans take no action but the British have made some serious moves. Their Minister of Education visited Shanghai. They invited some Chinese teachers to teach in British schools, and the BBC even made a documentary about five of them. Just after one month, the students taught by the five Chinese teachers outperformed the students in the comparison group by more than 10% (The Telegraph, 2015). About 8,000 British primary schools will adopt Shanghai way of teaching math (Harding, 2016).

American educators often use students' socioeconomic status as an excuse for students' poor performance. The Chinese know how to make low SES students perform at high levels. Shanghai's students in the lowest socioeconomic status quarter performed far better than American students in the top SES quarter (562 vs 532). If street vendors' kids in Shanghai outperformed attorneys' kids in the US, should we start to learn from the Chinese?

References

Chingos, M.M., & Blagg, K. (2015). *How Do States Really Stack Up on the 2015 NAEP?*

Retrieved on 9/18/16 at

<http://educationnext.org/how-do-states-really-stack-up-on-the-2015-naep/>

Harding, E (2016). *Half of primary schools set to teach maths Chinese-style: Children will be*

required to practise sums and exercises until they can prove they have mastered them

Retrieved on 9/18/16 at <http://www.dailymail.co.uk/news/article-3685552/Half-primary-schools-set-teach-maths-Chinese-style-Children-required-practise-sums-exercises-prove-mastered-them.html>

National Center for Education Statistics. (2013). *Program for International Student Assessment (PISA)*. Retrieved on 9/18/16

http://nces.ed.gov/surveys/pisa/pisa2012/pisa2012highlights_3a.asp

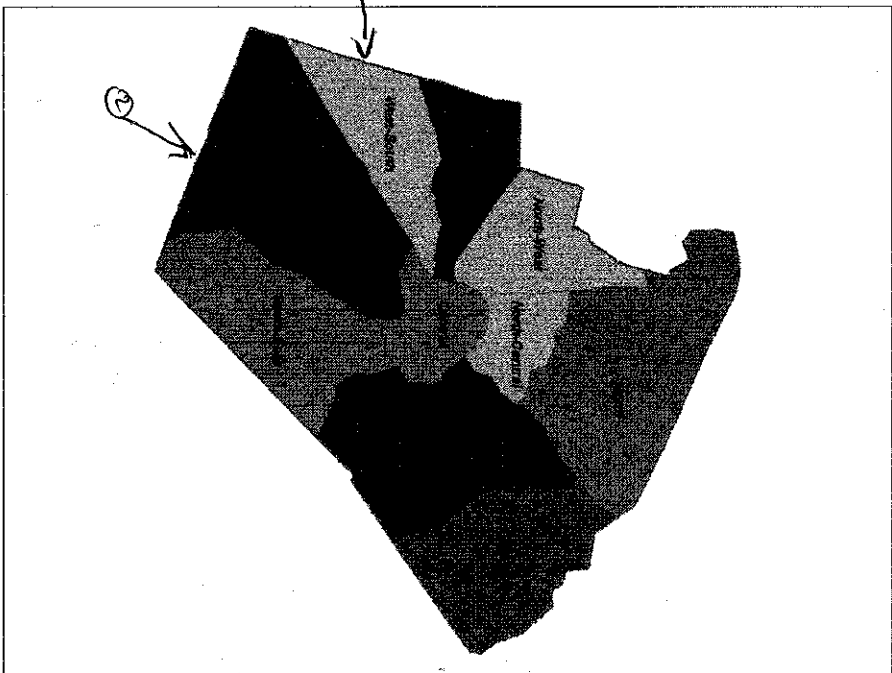
NC DPI.(2015). *2014–15 Performance and Growth of North Carolina Public Schools*. Retrieved

on 9/18/16 at <http://www.dpi.state.nc.us/docs/accountability/reporting/exsumm15.pdf>

The Telegraph. (2015). *Pupils taught by Chinese outpace their peers in experiment*. Retrieved on 9/18/16 at <http://www.telegraph.co.uk/education/expateducation/11811235/Take-note-Chinese-teachers-a-little-classroom-chaos-can-be-a-good-thing.html>

It's All About Growth...

Net Gain: 2012-13 to 2015-16



Planning Region	Net Gain: 2012-13 to 2015-16	Forecasted Gain: * 2015-16 to 2020-21
West-North ①	2,619	1,142
South-West ②	2,120	4,878
Near East	1,349	4,807
North	547	1,032
North-Central	350	-502
North-West	329	-234
West-South	296	2,057
Central	250	-472
South-East	249	2,588
Far East	23	433

* Negative growth in some areas is a result of lower system-wide K-12 forecast and significantly increased growth potential in other areas.

Data Sources:
WCPSS student geocode; SPDM forecast; CREDITRE, April 2016

Evidence 3--Survey Data Analysis

We designed a 10-question survey and posted it on SurveyMonkey in September to gauge parents' interest in Carolina Experimental School. We got 30 completed surveys. About 37% of parents do not know about Shanghai's stunning performances on the 2009 and 2012 PISA studies. Over 81% of parents like CES's adoption of Chinese way of teaching basic skills. About 89% of parents like CES's plan to reduce Chinese education's one-dimensionality by applying gifted education practices to promote schoolwide talent development. Over 85% of parents like CES's plan to let great people and great books guide students and help them develop a purpose. Surprisingly, 37% of parents do not want to send their children to Cary's three existing charter schools (i.e., Cardinal Charter Academy, Sterling Montessori Academy, Triangle Math and Science Academy) although all these schools have very long waiting lists. About 41% of parents live in the 27519 (Cary) zip code, and 18.5% of parents live in Raleigh. Respondents' locations also include Chapel Hill, Apex, Garner, and Hillsborough. This online survey confirms our prediction that CES will more likely to find its supporting base in Cary. Over 82% of families have an annual income over \$50,000. Transplanting educational practices is risky. Starting the school in a solid middle class area will ensure CES's initial survival and success. About 54% of families have one school-age child, and about 27% of families have two. The respondents' children tend to attend 1st grade, 4th-5th grades, and 7th-10th grades. CES's Year 1 plan of starting with 6th-9th grades appears to be a good choice. Parents' written comments show some of them welcome another charter school in Cary and some want such a school in other areas (e.g., Raleigh) too. We have to acknowledge the limitation of such a survey. People in our circle tend to be middle class professionals and business people but we do need a supportive environment to ensure CES's initial success so that we can use it as an evidence to show Chinese educational practices also work in American schools.



My Surveys

Library

Healthcare	Wufoo Online Forms
Market Research	Mobile Intelligence
Non-Profit Examples	Survey Services
Events	Plans & Pricing

Upgrade taiwy1

+ Create Survey

Efficient surveys: Get more answers and turn them into results. View Pricing →

Charter School Establis...

Summary

Design Survey

Collect Responses

Analyze Results

Preview & Test

Print

Next →

BUILDER

QUESTION BANK

THEMES

LOGIC

OPTIONS



Logo

Upgrade

Survey Title



Exit Link



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PAGE 1

Page Logic

More Actions

+ Add Logo

Charter School Establishment Survey

Charter schools are public schools providing free education to students. Carolina Experimental School (CES) is a K-12 charter school that will be established in Cary or a neighboring town.

+ Add Page Title

Edit Options Logic Move Copy

RESPONSES COLLECTED: Changes to this question will be limited.

Q1: Multiple Choice

Do you know students in Shanghai, China performed the best in math, reading, and science on the Programme for International Student Assessment (PISA) among over 60 economies in 2009 and 2012?

Answer Choices

Add Answers in Bulk

Yes



No



Use previous answer choices (carry forward responses)

Upgrade

Add an "Other" Answer Option or Comment Field

+ Add Next Question

Save

Cancel

2. Carolina Experimental School will adopt China's educational practices in teaching basic skills. Would you like to send your children to such a school?

Yes

No

3. China's schools are excellent in teaching basic skills but they are very demanding and test-driven. Carolina Experimental School will reduce Chinese education's one-dimensionality by applying gifted education practices to promote schoolwide talent development. Are you interested in such a school?

- Yes
- No

4. Talented individuals without a purpose have difficulties putting their talents into use. Students at Carolina Experimental School will read great people's biographies and books to develop a purpose. Are you interested in such a school?

- Yes
- No

5. Are you willing to send your children to the existing charter schools in Cary (i.e., Cardinal Charter Academy, Sterling Montessori Academy, Triangle Math and Science Academy)?

- Yes
- No

6. In what ZIP code is your home located?

7. What is your approximate average household income?

- \$0-\$24,999
- \$25,000-\$49,999

- \$100,000-\$124,999
- \$25,000-\$149,999
- \$50,000-\$174,999
- \$75,000-\$199,999

3. China's schools are excellent in teaching basic skills but they are very demanding and test-driven. Carolina Experimental School will reduce Chinese education's one-dimensionality by applying gifted education practices to promote schoolwide talent development. Are you interested in such a school?

- Yes
- No

4. Talented individuals without a purpose have difficulties putting their talents into use. Students at Carolina Experimental School will read great people's biographies and books to develop a purpose. Are you interested in such a school?

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- \$100,000-\$124,999
- \$25,000-\$149,999
- \$50,000-\$174,999
- \$75,000-\$199,999

\$200,000 and up

8. How many school-age child/children do you have?

- 0
- 1
- 2
- 3
- 4
- 5 or more

9. What grades are your children in?

Oops.

10. Please add your comments and suggestions for Carolina Experimental School here:

[Add a new question](#)

Or simply click or drag a new question from the Builder.

Done

Powered by



See how easy it is to [create a survey](#).

[+ New Page](#)

Appendix B Sample Curriculum Outline

Social Studies

In addition to basic skills, students at Carolina Experimental School will develop their talents and read great books, which means they have much more to know. Students need to know psychology and education to improve their learning efficiency so CES students read classics in these subjects. Great books are for summer reading. Students will write book reports or essays. Teachers will discuss or allude to these books in class.

	Elementary School	Middle School	High School
Geography	Locate & Name <ul style="list-style-type: none"> - 7 continents - 5 oceans - Major seas - Major rivers - Major mountains - Major deserts - Major countries - Major cities - Natural resources - U.S. regions - Major US rivers & waters - 50 states - Major US cities 	Locate & Name <ul style="list-style-type: none"> - Major NC cities - NC regions - NC's major industries - NC's major agricultural products Skills <ul style="list-style-type: none"> - Use and construct maps and globes to locate and derive information about people, places, and environments. - Know the physical and human characteristics of places, and use this knowledge to define and study regions and interpret their patterns of change. 	Skills <ul style="list-style-type: none"> - Understand how physical processes shape Earth's surface patterns and systems. - Understand how economic, political, cultural, and social processes interact to shape diverse patterns of human populations, movement, and interdependence, cooperation, and conflict. - Understand the effects of interactions between human and physical systems and the changes in meaning, use, distribution, and importance of resources.
World History	Units of Study <ul style="list-style-type: none"> - Fertile Crescent - Greece - Rome - India - China - Pre-Columbian Civilizations - Africa - Middle East - Western Europe People <ul style="list-style-type: none"> - Hammurabi - Abraham - Asoka - Siddhartha Gautama (Buddha) - Shi Huangdi - Confucius - Montezuma 	Units of Study <ul style="list-style-type: none"> - Human Geography - Early Humans - Middle East & Ancient Egypt - Greece - Rome - Islam - Africa - Americas - India - China - Japan - Medieval Europe - Renaissance - Reformation - Age of Exploration 	Units of Study <ul style="list-style-type: none"> - Nomadic and Agricultural Societies - The Cradle of Civilization - Egypt - Greeks and Romans - Judaism, Christianity, & Islam - African - Ancient Asia - The Americas - Medieval Europe and Byzantium - Renaissance and Reformation - Colonization and Imperialism - Industrial Revolution

	<ul style="list-style-type: none"> - Plato - Socrates - Archimedes - Julius Caesar - Aristotle - Hippocrates - Alexander The Great - Jesus - Constantine - Muhammad - Ibn Battuta - Charlemagne - King Henry VIII - Elizabeth I - Marco Polo - Zheng He - Leonardo da Vinci - Copernicus - Michelangelo - Gutenberg - William Shakespeare - Galileo <p>Big Ideas</p> <ul style="list-style-type: none"> - Exchange of ideas and goods - Settlement and growth - Economic growth - Migration - Climate - Culture - Religion - Transportation developments - Technology - Navigation - Government - Interdependence - Interrelationship - Global awareness 	<ul style="list-style-type: none"> - Enlightenment - French Revolution & American Revolution - Industrial Revolution - Imperialism - World War I - World War II - Cold War - New World Order <p>Essential Questions</p> <ul style="list-style-type: none"> - Humans & the environment - Humans & other humans - Humans & ideas 	<ul style="list-style-type: none"> - World War I - Global and Regional Conflict - Independence - Globalization <p>Essential Questions</p> <ul style="list-style-type: none"> - Why did the Industrial Revolution start in England? - Why did the modern world start in Europe? - How does geography affect history and culture? <p>Key Themes</p> <ul style="list-style-type: none"> - Patterns of population - Economic networks and exchange - Uses and abuses of power - Haves and have-nots - Expressing identity - Science, technology, and the environment - Spiritual life and moral code
American & NC History	<p>People</p> <ul style="list-style-type: none"> - American Indians - King George III - Lord Cornwallis - John Adams - George Washington - Thomas Jefferson - Patrick Henry - Benjamin Franklin - Thomas Paine - John Locke - Paul Revere - James Madison 	<p>Units of Study</p> <ul style="list-style-type: none"> - Colonization & Settlement - American Revolution - Expansion & Reform - Civil War & Reconstruction - Industrialization & Impacts - WWI & Great Depression - WWII - Post-War US - Contemporary US 	<p>Units of Study</p> <ul style="list-style-type: none"> - Ancient America and Africa - Europeans and Africans Reach the Americas - Colonizing a Continent in the Seventeenth Century - The Maturing of Colonial Society - The Strains of Empire - American Revolution - Consolidating the Revolution

	<ul style="list-style-type: none"> - Meriwether Lewis - William Clark - James Monroe - Eli Whitney - Cyrus McCormick - Robert Fulton - Harriet Tubman - Frederick Douglass - Susan B. Anthony - Elizabeth Cady Stanton - Abraham Lincoln - Jefferson Davis - Ulysses S. Grant - Robert E. Lee - Thomas “Stonewall” Jackson 	<p>Documents</p> <ul style="list-style-type: none"> - Declaration of Independence - United States Constitution - Bill of Right - Monroe Doctrine 	<ul style="list-style-type: none"> - Economic Transformations in the Northeast and the Old Northwest. - Slavery and the Old South - Moving West - The Union in Peril - The Civil War - Reconstruction - The West and the New South - Industrial Revolution in America - Becoming a World Power - The Progressives Confront Industrial Capitalism - WWI - Boom and Bust - WWII - Cold War - Reform and Rebellion in the Turbulent Sixties - The Revival of Conservatism - Post Cold War
Civics	<p>Understand</p> <ul style="list-style-type: none"> - Martin Luther King Jr. Day - African American Month - Earth Day - Tax Day - Memorial Day - Independent Day - Veterans Day - Election Day - Thanksgiving Days 	<p>Skills</p> <ul style="list-style-type: none"> - know the structure and function of local, state, and national government and how citizen involvement shapes public policy - Understand the purposes of government and the basic constitutional principles of the United States republican form of government. - Know the political relationship of the United States and its citizens to other nations and to world affairs. - Understand how citizens exercise the roles, rights and responsibilities of participation in civic life at all levels— local, state and 	<p>Units</p> <ul style="list-style-type: none"> - Citizenship - Voting, Elections, and Political Parties - Foundation of American Democracy - The US Constitution - The Amendments - The Legislative, Executive and Judicial Branch - The American Legal System - The State Government - The Local Government - World Affairs and Comparative Government <p>Concepts</p> <ul style="list-style-type: none"> - Separation of Powers - Limited Government - Checks & Balances - Rule of Law - Federalism - Natural Rights - Bill of Rights - Social Contract - Popular Sovereignty

		national.	<ul style="list-style-type: none"> - Bureaucracy - Due Process - Suffrage - Initiative - Referendum - Recall <p>Bill of Rights</p> <ul style="list-style-type: none"> - Establishment Clause - Free Exercise Clause - Double Jeopardy - Habeas Corpus - Probable Cause - Eminent Domain - Indictment - Grand Jury - Self-Incrimination <p>Legislative Branch</p> <ul style="list-style-type: none"> - Concurrent Power - Reserved Powers - Enumerated Powers - Supremacy Clause: <li style="padding-left: 20px;">Elastic <li style="padding-left: 20px;">Clause/Necessary and <li style="padding-left: 20px;">Proper Clause: <li style="padding-left: 20px;">Bicameral - incumbent: - Constituents - Caucus - Quorum - Revenue - Appropriation. - PAC (Political Action <li style="padding-left: 20px;">Committee): - Lobbyist: <p>Executive Branch</p> <ul style="list-style-type: none"> - Electoral College - Reprieve - Pardon - Veto - Impeach - Lane Duck - Cabinet <p>Judicial Branch</p> <ul style="list-style-type: none"> - Judicial Review - Judicial Activism - Judicial Restraint - Concurrent Jurisdiction - Original Jurisdiction: - Appellate jurisdiction - Litigant
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			<ul style="list-style-type: none"> - Majority Opinion - Concurring Opinion - Dissenting Opinion - Writ of Certiorari - Precedent - Libel - Slander <p>Landmark Supreme Court Cases</p> <ul style="list-style-type: none"> - Marbury v. Madison - McCulloch v. Maryland - United States v. Nixon - Plessy v. Ferguson - Brown v. Board of Education - Miranda v. Arizona - Roe v. Wade - Engle v. Vitale - TLO v. New Jersey - Tinker v. Des Moines - Johnson v. Texas
Economics	<p>Concepts</p> <ul style="list-style-type: none"> - Natural resources - Barter and trade - Feudalism - Mercantilism - Scarcity - Self-sufficiency - Economic interdependence 	<p>Concepts</p> <ul style="list-style-type: none"> - Supply and Demand - Competition - Income Distribution - Market Failures - Role of Government - Unemployment - Inflation - Barriers to Trade 	<p>Units of Study</p> <ul style="list-style-type: none"> - Fundamental Concepts - Micro Economics- Supply and Demand - Distribution of Wealth, Wage, Labor, Goods & Services - Economic Growth, Inflation, Employment & Market Failure - Macro Economics- Government Fiscal Policies & Monetary Policies - International Trade - Personal Economics <p>Concepts</p> <ul style="list-style-type: none"> - Decision Making and Cost-Benefit Analysis - Division of Labor and Specialization - Economic Institutions - Economic Systems - Incentives - Money - Opportunity Cost - Productive Resources - Productivity

			<ul style="list-style-type: none"> - Property Rights - Scarcity - Technology - Trade, Exchange and - Interdependence - Aggregate Demand - Aggregate Supply - Budget Deficits and Public Debt - Business Cycles - Economic Growth - Employment and Unemployment - Fiscal Policy - GDP - Inflation - Monetary Policy and the Federal Reserve - Real vs. Nominal - Competition and Market Structures - Consumers - Demand - Elasticity of Demand - Entrepreneurs - Government - Failures/Public-Choice Analysis - Income Distribution - Market Failures - Markets and Prices - Price Ceilings and Floors - Profit - Roles of Government - Supply - Balance of Trade and Balance of Payments - Barriers to Trade - Benefits of Trade - Economic Development - Foreign Currency - Markets/Exchange Rates - Compound Interest
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			<ul style="list-style-type: none"> - Credit - Financial Markets - Human Capital - Insurance - Money - Management/Budgeting - Risk and Return - Saving and Investing
Great Books- Education & Psychology		<ol style="list-style-type: none"> 1. <i>The Child and the Curriculum</i> by John Dewey 2. <i>Experience and Education</i> by John Dewey 3. <i>Outliers: The Story of Success</i> by Malcolm Gladwell 4. <i>Growth Mindset</i> by Carol Dweck 	<ol style="list-style-type: none"> 5. <i>The School and Society</i> by John Dewey 6. <i>The Schools We Need: And Why We Don't Have Them</i> by E. D. Hirsch 7. <i>Battle Hymn of the Tiger Mother</i> by Amy Chua 8. <i>Toward a Psychology of Being</i> by Maslow 9. <i>The Farther Reaches of Human Nature</i> by Maslow
Great Books- History & Political Science		<ol style="list-style-type: none"> 1. <i>Animal Farm</i> by George Orwell 2. <i>The Origin and Goal of History</i> by Karl Jaspers 3. <i>The Clash of Civilizations and the Remaking of World Order</i> by Samuel Huntington 	<ol style="list-style-type: none"> 4. <i>The Spirit of Laws</i> by Charles Baron De Montesquieu 5. <i>Democracy in America</i> by Tocqueville 6. <i>Guns, Germs, and Steel: The Fates of Human Societies</i> by Jared Diamond
Autobiographies and Biographies	<ol style="list-style-type: none"> 1. <i>The Story of My Life</i> by Hellen Keller 2. <i>The Diary of a Young Girl</i> by Anne Frank 	<ol style="list-style-type: none"> 3. <i>Autobiography</i> by John Stuart Mill 4. <i>The Words: The Autobiography of Jean-Paul Sartre</i> 5. <i>The Autobiography of Benjamin Franklin</i> 	<ol style="list-style-type: none"> 6. <i>The 100: A Ranking of the Most Influential Persons in History</i> by M. H. Hart 7. <i>Gandhi: An Autobiography</i> 8. Thomas Jefferson
Competitions	<ul style="list-style-type: none"> - Geography Bee - National Flag Day writing contest: What Our Flag Means to Me? 	<ul style="list-style-type: none"> - Model UN - Speech contest - C-Span's Student Cam - National History Day - National History Bee - Kids Philosophy Slam 	<ul style="list-style-type: none"> - Debate - Academic WorldQuest - Mock Trial - University Interscholastic Council Social Studies Contest - EconChallenge - National Peace Essay Contest

Carolina Experimental School

Year 1 Course Offerings (9th Grade)

English	English I (Standard & Honors)
Math	Math I (Standard & Honors), Math II (Standard & Honors)
Science	Biology (Standard & Honors), Earth Science (Standard & Honors)
Social Studies	World History (Standard & Honors)
World Languages	Spanish I & II, Chinese I & II
Technology	Introduction to Computer Science, Programming
PE	PE & Health
Art	Visual Arts I Theatre 1
Music	Chorus, Band

Year 2 Course Offerings (9th & 10th Grade)

English	English I (Standard & Honors), English II (Standard & Honors), Creative Writing
Math	Math I (Standard & Honors), Math II (Standard & Honors), Math III (Standard & Honors), PreCalculus
Science	Biology (Standard & Honors), Earth Science (Standard & Honors), Physical Science (Standard & Honors)
Social Studies	World History (Standard & Honors), Civics & Economics (Standard & Honors), American History I (Standard & Honors)
World Languages	Spanish I, II, & III, Chinese I, II, & III
Technology	Introduction to Computer Science, Programming
PE	PE & Health
Art	Visual Arts I, Visual Arts II Theatre 1, Theatre 2
Music	Chorus, Mixed Ensemble, Band 1, Band 2

Years 3 Course Offerings (9th, 10th, & 11th grade)

English	English I (Standard & Honors), English II (Standard & Honors), English III (Standard & Honors), English IV (Standard & Honors), Creative Writing
Math	Math I (Standard & Honors), Math II (Standard & Honors), Math III (Standard & Honors), Advanced Functions & Modeling, PreCalculus, AP Calculus AB
Science	Biology (Standard & Honors), Earth Science (Standard & Honors), Physical Science (Standard & Honors), Chemistry (Standard & Honors), AP Physics, AP Environmental Science

Social Studies	World History (Standard & Honors), Civics & Economics (Standard & Honors), American History I (Standard & Honors), American History II (Standard & Honors), AP US History, AP European History, AP Psychology
World Languages	Spanish I, II, III, & IV Chinese I, II, III, & IV French 1, German 1
Technology	Introduction to Computer Science, Programming
PE	PE & Health
Art	Visual Arts I, Visual Arts II, Visual Arts III Theatre 1, Theatre 2, Theatre 3
Music	Chorus, Mixed Ensemble, Band 1, Band 2, Strings 1

Years 4 & Year 5 Course Offerings (9th, 10th, 11th & 12th grade)

English	English I (Standard & Honors), English II (Standard & Honors), English III (Standard & Honors), English IV (Standard & Honors), AP Language, AP Literature, Creative Writing
Math	Math I (Standard & Honors), Math II (Standard & Honors), Math III (Standard & Honors), Advanced Functions & Modeling, PreCalculus, AP Calculus AB, AP Statistics
Science	Biology (Standard & Honors), Earth Science (Standard & Honors), Physical Science (Standard & Honors), Chemistry (Standard & Honors), AP Physics, AP Biology, AP Chemistry, AP Environmental Science
Social Studies	World History (Standard & Honors), Civics & Economics (Standard & Honors), American History I (Standard & Honors), American History II (Standard & Honors), AP Human Geography, AP US History, AP European History, AP World History, AP Psychology, AP Government and Politics – US, AP Macroeconomics
World Languages	Spanish I, II, III, & IV, AP Spanish Literature Chinese I, II, III, & IV, AP Chinese Language and Culture French 1, French 2, French 3 German 1, German 2, German 3
Technology	Introduction to Computer Science, Programming
PE	PE & Health
Art	Visual Arts I, Visual Arts II, Visual Arts III, AP Art History, AP Studio Art Drawing Theatre 1, Theatre 2, Theatre 3
Music	Chorus, Mixed Ensemble, Band 1, Band 2, Strings 1, Strings 2

Carolina Experimental SCHOOL | 2017-2018 CALENDAR

We are unable to find a calendar template for the 2018 school year so the 2017 one is used.

JULY 2017						
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JANUARY 2018						
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1-2 Holiday
15 M.L. King Day Holiday
15 End of 2nd 9 Weeks

8/18-25 Teacher Workdays
8/24 First Day of School

AUGUST 2017						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY 2018						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

19 Presidents' Day Holiday

9/4 Labor Day Holiday

SEPTEMBER 2017						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MARCH 2018						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

19 End of 3rd 9 Weeks
26-30 Spring Break

9 Columbus Day Holiday
25 End of 1st 9 Weeks

OCTOBER 2017						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL 2018						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

2 Teacher Workday

6-7 Parent Conference
10 Veterans Day Holiday
22-24 Thanksgiving Day Holiday

NOVEMBER 2017						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY 2018						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

28 Memorial's Day Holiday

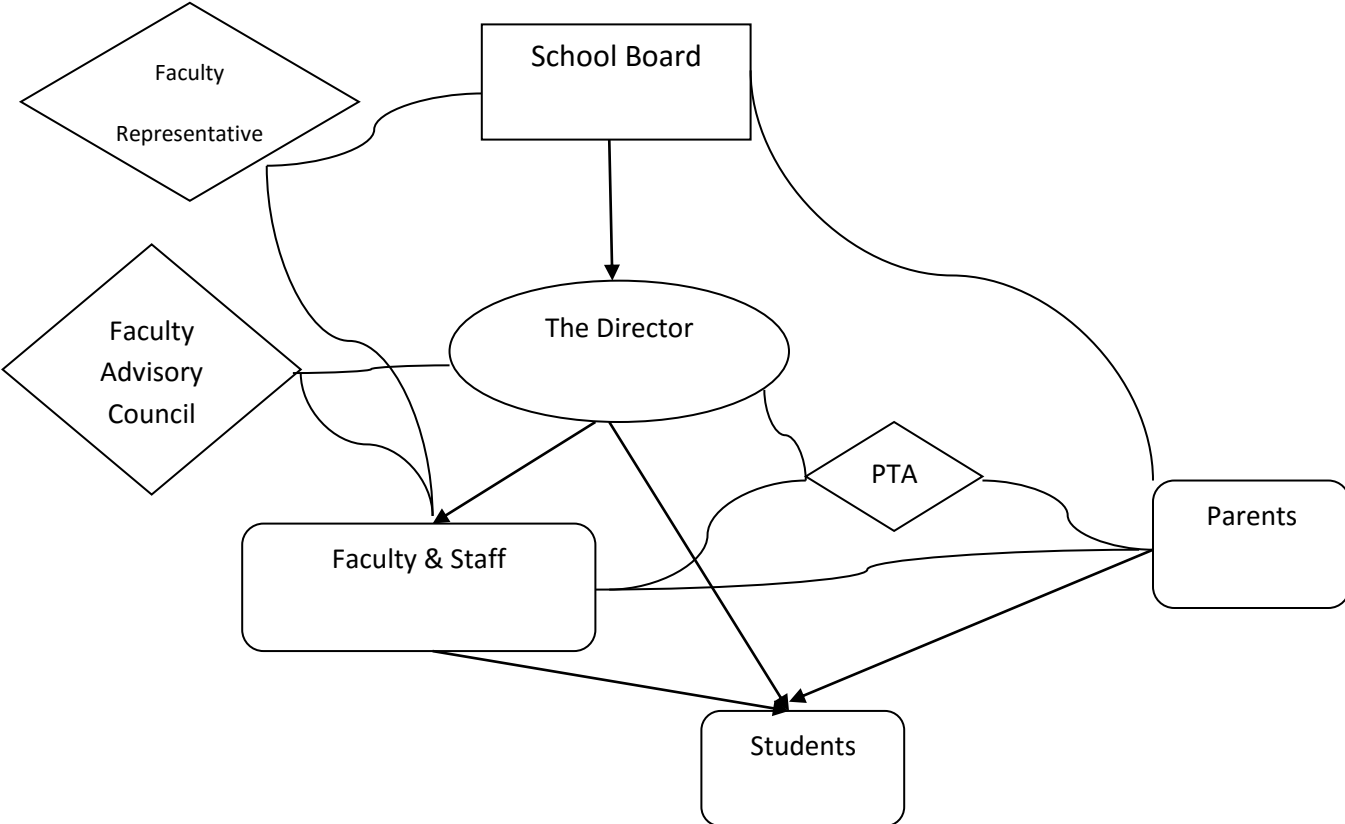
22-29 Winter Break

DECEMBER 2017						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JUNE 2018						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

6 End of 4th nine weeks
7-8 Field Day
8 Last Day for Students
11-14 Teacher Workdays

Carolina Experimental School's Organizational Chart



By Laws of Carolina Experimental School

ARTICLE I: NAME

Section 1: Name The name of the nonprofit corporation is Carolina Experimental School (sometimes referred herein as —The Corporation).

Section 2: Principal Office and Registered Agent The principal office is in Cary of Wake County in the state of North Carolina. The street address is 4112 Collamer Dr, Cary NC 27519 and the registered agent at this address is Wenyu Bai.

ARTICLE II: PURPOSE

Section 1: Purpose The purpose of the Corporation is to apply for, establish, and govern charter schools under North Carolina Charter School Statutes and to pursue related educational endeavors.

The purpose of the Corporation is to apply for, establish, and govern charter schools (Schools) under North Carolina Charter School Statutes and to pursue related educational endeavors.

ARTICLE III: MEMBERSHIP

Section 1: Membership The corporation shall have no members.

ARTICLE IV: BOARD OF DIRECTORS

Section 1: Powers The activities, affairs and business of the Corporation shall be conducted by or under the direction of the Board of Directors (referred to herein as the Board).

Section 2: Mission

The school director will manage the day-to-day operations of the school. The mission of the Board of Directors is to make policy decisions and provide oversight of the school.

Section 3: Number, Qualifications, Election and Tenure

a) The number of persons constituting the Board of Directors who have voting authority shall be no less than five (5) and no more than nine (9).

b) A person needs to be at least twenty-one (21) years old and in good standing to be qualified as a Director.

c) Election procedures to the Board of Directors are outlined as follows:

- Nominations may be made by any Board member

- Vote to be taken publicly by show of hands

- A nominee is declared a Director as long as he/she receives the votes of the majority of the Directors.

d) Directors shall serve for a term of three years, or until their successors are elected. A Director will be removed by a majority vote of the Board at any meeting. In order to be re-elected, he/she can be nominated by a Board member similar to any other nominee; Directors can nominate themselves as well.

Section 4: Duties

The Board is committed to the education of all students to the best of their individual abilities; to a constant awareness of the concerns and desires of the community regarding the quality and performance of the School with the Board assuming an educational leadership role; and to the employment of school personnel who, under the direction of the Principal, will see that the school maintains an outstanding position and will carry out the policies of the Board with imagination and dedication.

Additionally, the Board's specific policy and direction goals are: To interpret the education needs and aspirations of the community through the formulation of policies which stimulate the learner and the learning process, in accordance with the mission and philosophy of the school; To govern the school in accordance with federal and state laws; To provide leadership in order to carry out the goals and objectives of the school effectively; To facilitate communication with the community served by the school To develop and provide the data appropriate for the management functions of planning, evaluating, organizing, controlling and executing.

The Board should know the prevailing educational philosophies and practices may not to the best interests of students. Board members must look to top performing countries and the future more clearly than is required of the average citizen. The results of many of the decisions and actions of the Board may not be realized at once, but will set the course of education for future years. The Board should fearlessly support those educational philosophies and procedures needed to promote proper education for this community based upon the needs of the pupil population.

In addition, Directors shall meet at such times and places as required by these bylaws. The Board may consider a Director with three consecutive un-excused absences from regular meetings as having resigned. Directors shall register their home/business address, home/office/cellular phone numbers and e-mail addresses with the Secretary of the School.

Section 5: Meeting Procedures

All meetings of the Board shall be open to the public, including the news media, except when permitted or required by law to be closed. Visual and sound recordings shall be permitted during open meetings. The President of the Board shall preside at Board meetings and shall rule on questions of order. In the absence of the President, the Vice President shall preside. In the absence of both the President and Vice President, the attending members shall elect one of their

numbers to preside. Meetings of the Board shall be formal enough to allow for the orderly conduct of business but informal enough to encourage free discussion among Board members and to promote group thinking and action.

Section 6: Meeting Schedule

The Board annually shall adopt a schedule for the upcoming year stating the date, time and place of its regular meetings. The meeting schedule shall be posted in a prominent place at the School's administration building and at any other locations where such scheduled meetings will be held. Electronic and other means of informing the public about the Board meetings shall be used where feasible. Any scheduled meeting may be cancelled, postponed or adjourned.

Section 7: Regular Meetings

Unless otherwise specified in the schedule or changed in a manner allowed by law, the Board's regular meetings shall be held regularly on the dates that will be publicized by the Board. The schedule shall call for the meetings to be held at the School's administration building or any other appropriate place. The board's regular meetings are legislative in nature. This is where most of the Board's formal actions are taken.

Section 8: Special or Called Meetings

In accordance with the state law, special meetings may be called by the Board President on the request of three or more Board members. Due notice of such meetings shall be given to the public and shall include at a minimum the posting of a written notice for at least 24 hours at the place of regular meetings and by the giving of written or oral notice at least 24 hours in advance at the front door. Board members will be given at least a 24-hour notice of the meeting and the topics to be addressed. Notice to Board members may be by telephone, texting, e-mail, fax or some other means to achieve notification.

Section 9: Emergency Meetings When special circumstances occur and are so declared by the Board, the Board may meet on less than 24 hours notice. Board members and the public shall be given as much notice of the meeting and subjects expected to be considered as is reasonable under the circumstances, including the posting of a written notice at the place of regular meetings. The minutes of the meeting shall reflect the reason for holding the meeting on the less than 24 hours notice and the nature of the notice given.

Section 10: Quorum

A majority of the Board members having voting authority and currently in office shall constitute a quorum for the transaction of business. If a quorum is not present at the time and place of any meeting, the Directors present shall adjourn the meeting until a quorum shall be present.

Section 11: Voting

Except as otherwise expressly provided by statute, or by the Charter of the Corporation, or by these by-laws, the action of a majority of the Directors present at a meeting in which there is a quorum shall be the action of the Board of Directors.

Section 12: Resignation of Directors

A Director may resign at any time by giving notice in writing to the President or Secretary of the Corporation. Such resignation shall take effect at the time specified, or if no time is specified, at the time the President or Secretary receives such resignation.

Section 13: Compensation

Directors shall serve without compensation for their services to the Board except travel and related expenses as may be authorized by the Board for in-state or national conferences.

Section 14: Conflict of Interest

If any member of the Board faces a conflict of interest in a matter pending before the Board, such member shall make full disclosure to the Board of the nature of the conflict. Upon full disclosure, the Board may approve the transaction only by the majority vote of Board members having no conflict of interest. However, no such transaction may be approved if it would constitute self-dealing, prohibited under Section 4941 of the Internal Revenue Code of 1986, or the corresponding provisions of any later federal tax laws, or if it would result in the imposition of any excise tax under any other provision of Chapter 49A of the Internal Revenue Code of 1986, or the corresponding provisions of any later federal tax laws.

Section 15: Nepotism Policy

Consistent with the principle that School employees and prospective employees shall be hired, evaluated, and advanced on the basis of individual merit, without reference to considerations of race, sex, religion, sexual orientation, or national origin, or any other factors not involving professional qualifications and performance, the following restrictions shall be observed with respect to personnel matters to avoid the possibility of favoritism based on family or personal relationship:

- a) In the context of this nepotism policy, related individuals are defined as husband, wife, son, son-in-law, daughter, daughter-in-law, father, father-in-law, mother, mother-in-law, brother, brother-in-law, sister, sister-in-law, grandparents, and grandchildren.
- b) No one with supervisory responsibility shall hire, recommend for hire or supervise any related employee.
- c) Related persons currently employed by the School shall immediately disclose all family and personal relationships with other School employees. All persons wishing to be considered for employment with the School shall disclose family and personal relationships with then-current School employees.
- d) No Board member, member of the School administration or faculty member shall engage in recommendations, discussions, or otherwise participate in any final decision or recommendation relating to the appointment, promotion, retention, tenure, or other condition of employment of a related person.

e) In the event of a lack of candidates, a need for specialized skills, or other unique circumstances as determined on a case-by-case basis, the restriction against hiring related persons may be waived in the best interest of the School upon recommendation of a review committee comprised of non-related administrator(s), and upon the approval of the Board of Directors.

Section 16: Certain Director Liability

A member of the Board shall be subject to the liabilities imposed by law upon Board members of nonprofit corporations. In addition, all Board members who vote for or assent to any distribution of assets of the Corporation contrary to any restrictions imposed by the Nonprofit Corporation Act of North Carolina, the corporate articles of incorporation, charter, or by-laws, shall be jointly and severally liable to the Corporation for the amount of such distribution. Furthermore, such liabilities shall not exceed the debts, obligations and liabilities existing at the time of the vote or assent where the Board member relied on, and acted in good faith in the belief that, financial statements of the Corporation were correct and were based on generally accepted principles of sound accounting practice used by the president or the treasurer, or certified by an independent public accountant or firm of such accountants to fairly reflect the financial condition of the Corporation.

ARTICLE V: OFFICERS

Section 1: Designation of Officers Officers of the Corporation shall be President, Vice President, Secretary and Treasurer. The Board may designate and fill other officers as needed. Any two offices except for the office of President may be held by one person. No officer shall sign or execute any document in more than one capacity.

Section 2: Election, Term of Office and Qualifications At its regular annual meeting in September each year, the Board shall organize and elect officers among its own members. A President shall be elected to serve for a period of one year. A Vice President shall be elected to serve for a period of one year. The Secretary shall be elected to serve for a period of one year. The President shall preside over the election of the vice president and secretary unless decided otherwise by majority of the Board members.

Section 3: Subordinate Officers and Agents The Board may appoint other officers or agents to chair committees or perform certain other duties. Each such officer or agent shall hold office for such period, have such authority, and perform such duties as the Board determines. The Board may delegate to any officer or agent the authority to appoint subordinate officers or agents and to prescribe their respective authorities or duties.

Section 4: Duties Officers shall stand in a fiduciary relation to the Corporation and shall discharge the duties of their respective positions in good faith, and with that diligence and care which reasonably prudent men and women would exercise in similar circumstances and like positions.

Section 5: Removal Majority vote of the Board with or without cause. The persons who are officers or agents pursuant to Section 3 of this Article may be removed by majority vote of the Board.

Section 6: Resignations Any officer may resign at any time by giving written notice to the President or the Secretary of the Board, or, if that officer was appointed by an officer or agent in accordance with Section 3 of this Article, by giving written notice to the appointing officer or agent. Any such resignation shall take effect at the time specified or if no time is specified, at the time the President or the Secretary receives such resignation.

Section 7: Vacancies A vacancy in any office because of death, resignation, removal or disqualification, or any other cause, shall be filled for the unexpired portion of the term of such office in the manner prescribed by these bylaws for regular appointments or elections to such offices. The Board may also reassign some or all of the duties of an absent officer as provided in Section 8 of this Article.

Section 8: Reassignment of Officer Duties Should an office become vacant or should an officer of the Corporation be absent, or for any other reason the Board deems sufficient, the Board may reassign the duties of such officer to any other officer or to any member of the Board.

Section 9: School Director The Board shall appoint the School Director by entering into a contract with a person to serve in that capacity. The contract shall specify the period of time for which the person is employed as School Director as well as his or her authority and duties. The School Director shall generally be responsible for the business and affairs of the Corporation and shall be authorized to hire/fire and have control over its employees. In addition to the management of day-to-day operations of the Corporation, the School Director shall perform such other duties as are assigned by the Board. The School Director may be removed, with or without cause, by a majority vote of the Board.

Sections 10: President The President shall be the principal person charged with supervising, organizing and managing the business of the Board and shall have the responsibility of conducting Board meetings. The president shall perform such other duties as are assigned by the Board.

Section 11: Vice President At the request of the President, or in the absence or disability of the President, the Vice President shall perform the duties of the president and when so acting shall have all the powers of, and be subject to all the restrictions upon, the president.

Section 12: Secretary The Secretary shall keep the minutes of the meetings of the Board and shall see that all notices are given in accordance with the provisions of these by-laws or as required by law. The Secretary shall also be the custodian of the statements, books, records, reports, certificates, and other documents of the Corporation and the seal of the Corporation, and shall see that the seal is affixed to all documents requiring such seal. The Secretary shall perform all duties and possess all authority incidental to the office of the Secretary, and shall perform such other duties and have such other authority as may be assigned by the Board.

Section 13: Treasurer The Treasurer is responsible to manage the funds, receipts, disbursements and securities of the Corporation. The treasurer shall perform such other duties and have such other authority as may be assigned or granted by the Board. The treasurer may be required to give a bond for the faithful performance of the duties of the office in such form and amount as the Board may determine.

ARTICLE VI: PROCEDURES AND RESTRICTIONS

Section 1: Contracts Except as otherwise provided in these bylaws, the Board may authorize any officer or agent or the School Director to enter into any contract or to execute or deliver any instrument on behalf of the Corporation, and such authority may be general or confined to specific transactions.

Section 2: Loans The Board must authorize in advance the borrowing of any funds by the Corporation and the issuance of any promissory notes or other evidence of indebtedness in the name of the Corporation. Any officer or agent of the Corporation authorized by the Board to do so may obtain loans or advances on behalf of the Corporation provided said authority has been granted by means of a majority vote of the Board of Directors affirming the indebtedness or obligation, and in order to obtain such loans and advances, may make, execute, and deliver promissory notes, bonds, or other evidences of indebtedness of the Corporation.

Section 3: Deposits All funds of the Corporation shall be deposited to the credit of the Corporation in such banks or trust companies or with such bankers or other depositories as the Board may select, or as may be selected by any officer or agent of the Corporation authorized by the Board to do so.

Section 4: Checks, Drafts All notes, drafts, acceptances, checks and endorsements or other evidences of indebtedness shall be signed by: any two Board members, or any Board member and the Principal, or the Principal and the Assistant Principal for recurring expenses, contractual expenses, and expenses not exceeding \$5,000, or in such other manner as the Board may determine. Endorsements for deposit to the credit of the Corporation in any of its duly authorized depositories will be made by the Principal or treasurer or by any officer or agent who may be authorized by the Board to do so.

Section 5: Gifts

The Board may accept on behalf of the Corporation any contribution, gift, bequest, or devise granted for the benefit or perpetuation of the general educational or special educational purposes of the Corporation.

ARTICLE VII: GENERAL PROVISIONS

Section 1: Corporate Seal The corporate seal shall be in such form as shall be approved by the Board.

Section 2: Fiscal Year The fiscal year of the Corporation will commence on July 1 of each year and conclude on June 30 of each year.

Section 3: Amendments to Bylaws These bylaws may be altered, amended, or repealed, or new bylaws adopted at any regular or special meeting upon a super (2/3) majority vote of the Board members.

Section 4: Books and Records The Corporation shall keep correct and complete books and records of accounts and shall keep minutes of the proceedings of its Board.

Section 5: Officer and Director Indemnification The Corporation shall indemnify any present or former members of the Board, Officers, School Director or other employee or agent against liabilities and reasonable litigation expenses, including attorneys' fees, incurred in connection with any action, suit or proceeding in which that person is made or threatened to be made a party by reason of being or having been such Board member, Officer, School Director or other employee except in relation to matters as to which the person shall be adjudged in such action, suit or proceeding to have acted in bad faith, to have been liable or guilty by reason of willful misconduct in the performance of duty, to have taken actions known or believed by the person to be clearly in conflict with the best interests of the Corporation, to have received an improper personal benefit, or in connection with a proceeding by or in the right of the Corporation, where the person was adjudged liable to the Corporation. The indemnification authorized by this section shall be in addition to that permitted by the North Carolina General Statutes or otherwise as authorized in these by-laws. The Corporation may purchase and maintain insurance on behalf of any person who is or was a member of the Board, Officer, School Director or other employee or agent of the Corporation or is or was serving at the request of the Corporation as a Director, Officer, employee, or agent of another corporation, partnership, joint venture, trust, or other enterprise, against any liability asserted against and incurred by the person in such capacity, or arising out of the person's (Board member's, Officer's, employee's or agent's) status as such, whether or not the Corporation would have the power to indemnify that person against such liability. Expenses incurred by a Director, Officer, School Director or other employee or agent in defending a civil suit or criminal action or other proceeding may be paid by the Corporation in advance of the final disposition of such action, suit or proceeding as authorized by the Board upon receipt of an undertaking by or on behalf of the Board member, Officer, Principal or other employee or agent to repay such amount unless it shall ultimately be determined that the person is entitled to be indemnified by the Corporation as authorized by Section 55A- 17.2 or 55A- 17.3 of North Carolina General Statutes or as authorized in these by-laws.

Section 6: Meeting Regulation All meetings of the Board shall be held in compliance with the North Carolina Open Meetings Law, Article 33C. While the Board may elect not to proceed in full compliance with the Roberts Rules of Order, it will serve as a guideline for the conduct of all meetings

Section 7: Gender The masculine and feminine gender used in these by-laws shall include both the feminine and the masculine persons.

Section 8: Prohibited Activities The Corporation shall comply with all prohibitions against substantial lobbying and involvement in political campaigns for public candidates, contained in

Section 501(c)(3) of the Internal Revenue Code of 1986, or the corresponding provisions of any later federal tax laws. No part of the net earnings of the Corporation shall inure to the benefit of or be distributable to, its Board members or Officers. Notwithstanding any other provisions of these articles, the Corporation shall not carry on any other activities not permitted to be carried on by corporations exempt from federal income tax under Section 501(c)(3) of the Internal Revenue Code of 1986, or the corresponding provisions of any later federal tax laws, or by a corporation, contributions to which are deductible under Section 170(c)(2) of the Code.

Section 9: Disposal of Assets

Upon the dissolution of the Corporation, the Board of Directors shall, after paying or making provision for the payment of all of the liabilities of the corporation, dispose of all of the assets of the Corporation as directed pursuant to North Carolina General Statutes. The undersigned persons certify the foregoing by-laws have been adopted for the Corporation, in accordance with the requirements of the North Carolina Nonprofit Corporation Act.



NORTH CAROLINA

Department of the Secretary of State

To all whom these presents shall come, Greetings:

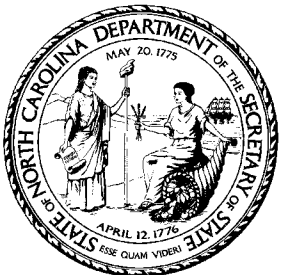
I, Elaine F. Marshall, Secretary of State of the State of North Carolina, do hereby certify the following and hereto attached to be a true copy of

ARTICLES OF INCORPORATION

OF

CAROLINA EXPERIMENTAL SCHOOL

the original of which was filed in this office on the 12th day of August, 2016.



Scan to verify online.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Raleigh, this 12th day of August, 2016.

Elaine F. Marshall

Secretary of State

State of North Carolina
Department of the Secretary of State

ARTICLES OF INCORPORATION
NONPROFIT CORPORATION

Pursuant to §55A-2-02 of the General Statutes of North Carolina, the undersigned corporation does hereby submit these Articles of Incorporation for the purpose of forming a nonprofit corporation.

1. The name of the nonprofit corporation is: Carolina Experimental School

2. (Check only if applicable.) The corporation is a charitable or religious corporation as defined in NCGS §55A-1-40(4).

3. The name of the initial registered agent is: Wenyu Bai

4. The street address and county of the initial registered agent's office of the corporation is:

Number and Street: 4112 Collamer Dr
City: Cary State: NC Zip Code: 27519 County: Wake

The mailing address *if different from the street address* of the initial registered agent's office is:

Number and Street or PO Box: _____
City: _____ State: NC Zip Code: _____ County: _____

5. The name and address of each incorporator is as follows:

Wenyu Bai, 4112 Collamer Dr., Cary, NC 27519

6. (Check either a or b below.)

a. The corporation will have members.

b. The corporation will not have members.

7. Attached are provisions regarding the distribution of the corporation's assets upon its dissolution.

8. Any other provisions which the corporation elects to include are attached.

9. The street address and county of the principal office of the corporation is:

Principal Office Telephone Number: 919 930 9125

Number and Street: 4112 Collamer Dr

City: Cary State: NC Zip Code: 27519 County: Wake

The mailing address *if different from the street address* of the principal office is:

Number and Street or PO Box: _____

City: _____ State: _____ Zip Code: _____ County: _____

10. (Optional): Please provide a business e-mail address: conwayzhiyin@hotmail.com

The Secretary of State's Office will e-mail the business automatically at the address provided at no charge when a document is filed. The e-mail provided will not be viewable on the website. For more information on why this service is being offered, please see the instructions for this document.



11. These articles will be effective upon filing, unless a future time and/or date is specified: _____

This is the 9 day of August, 2016.

Carolina Experimental School

(Incorporator Business Entity Name)

Wenyu Bai

Signature of Incorporator

Wenyu Bai, Ph.D

Type or print Incorporator's name and title, if any

NOTES:

1. Filing fee is \$60. This document must be filed with the Secretary of State.

Purpose of Corporation

This corporation is organized for the following purpose(s) (*check as applicable*):

religious,

charitable,

educational,

testing for public safety,

scientific,

literary,

fostering national or international amateur sports competition, and/or

prevention of cruelty to children or animals,

including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under Sections 501(c)(3) and 170(c)(2) of the Internal Revenue Code of 1986 (herein the "Code") (or the corresponding provisions of any future United States Internal Revenue Code).

Prohibited Activities

No part of the net earnings of the corporation shall inure to the benefit of or be distributable to, its members, directors, officers, or other private persons except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of purposes set forth in these articles of incorporation. No substantial part of the activities of the corporation shall be the carrying on of propaganda or otherwise attempting to influence legislation, and the corporation shall not participate in or intervene in (including the publishing or distribution of statements) any political campaign on behalf of or in opposition to any candidate for public office. Notwithstanding any other provisions of these articles, the corporation shall not carry on any other activities not permitted to be carried on (a) by a corporation exempt from federal income tax under Section 501(c)(3)

of the Code or (b) by a corporation, contributions to which are deductible under Section 170(c)(2) of the Code.

Distributions Upon Dissolution

Upon the dissolution of the corporation, the Board of Directors shall, after paying or making provision for the payment of all of the liabilities of the corporation, dispose of all of the assets of the corporation exclusively for the purposes of the corporation in such manner, or to such organization or organizations organized and operated exclusively for religious, charitable, educational, scientific or literary purposes as shall at the time qualify as an exempt organization or organizations under Section 501(c)(3) of the Code as the Board of Directors shall determine, or to federal, state, or local governments to be used exclusively for public purposes. Any such assets not so disposed of shall be disposed of by the Superior Court of the county in which the principal office of the corporation is then located, exclusively for such purposes or to such organizations, such as the court shall determine, which are organized and operated exclusively for such purposes, or to such governments for such purposes.

INSURANCE PEOPLE

Below are the **estimated annual premiums** Carolina Experimental School

Property Premium Estimate **\$1,300**

Building	\$1,000,000
Contents	\$200,000
Deductible	\$1,000
Form	Special
Equipment Breakdown	Included

General Liability Premium Estimate **\$1,365**

Rating Basis:	Students	200
	Faculty	17

Limits:

Per Occurrence Limit	\$1,000,000
Annual Aggregate	\$3,000,000
Sexual Abuse & Molestation	\$1,000,000 per occurrence \$3,000,000 aggregate
Employee Benefits	\$1,000,000 per occurrence \$3,000,000 aggregate

School District & Educators Legal Liability (D&O/ E&O)

Premium Estimate **\$4,380**

	\$1,000,000 per occurrence
	\$2,000,000 aggregate
Additional Defense	\$100,000/\$50,000/\$100,000

Named insured includes the insured Organization (School Entity), it's school board, School Committee, Board of Trustees, Board of Governors or similar governing body, elected or appointed members of the Board of Education, Board of Trustees, School Directors, School Committee, Board of Governors or similar governing board, Employees, Student Teachers, School Volunteers, and students while serving in a supervised internship program sponsored by the "educational institution".

Wrongful Act to include any actual or alleged act, error, omission, misstatement, misleading statement, neglect, or breach of duty by or on behalf of the Insured Organization, including educational malpractice or failure to educate, negligent instruction, failure to supervise, inadequate or negligent academic guidance of counseling, improper or inappropriate academic placement or discipline.

INSURANCE PEOPLE

Fidelity Bond Estimate		\$332
Limit	\$250,000	
Auto Premium Estimate		\$2,300
Hired & Non Owned Autos		
Limit of Liability	\$1,000,000	
2 School Buses		
Head of Class Endorsement		\$82
Workers Compensation Premium Estimate		\$5,355
Statutory State - NC		
Employers Liability	\$500/ \$500/ \$500	
Payroll Estimate	\$888,000	
Umbrella Premium Estimate		\$2,387
Limit of Liability	\$1,000,000	
TOTAL ESTIMATED PREMIUM		\$17,501
Student Accident Coverage		\$7.00/ student

These premiums are subject to change based on Underwriter review and approval of completed applications.

Disclaimer: The abbreviated outlines of coverages used throughout this proposal are not intended to express legal opinion as to the nature of coverage. They are only visuals to a basic understanding of coverages. The policy terms, conditions, and exclusions will prevail. Please read the policy forms for specific details of coverage

09/13/2016

Appendix P:

Charter School Required Signature Certification

Note: Outlined below is a list of areas that must be certified by the proposed Board of Directors. Any forms Not Applicable to the proposed charter school indicate below with N/A and provide a brief explanation for providing such response.

Serving on a public charter school board is a position of public trust and board members of a North Carolina public charter school; you are responsible for ensuring the quality of the school's entire program, competent stewardship of public funds, the school's fulfillment of its public obligations, all terms of its charter, and understanding/overseeing all third party contracts with individuals or companies.

❖ The selected Board Attorney that he/she has reviewed with the full Board of Directors, listed within the application, all the governance documents and liabilities associated with being on the Board of a Non Profit Corporation.

○ Name of the Selected Board Attorney: N/A. We have not selected a Board Attorney yet.

○ Date of Review: _____

○ Signature of Board Members Present (Add Signature Lines as Needed):

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

❖ The selected Board Auditor that he/she has reviewed with the full Board of Directors, listed within the application, all the items required for the annual audit and 990 preparations.

○ Name of the Selected Board Auditor: N/A. We have not selected a Board Auditor yet.

○ Date of Review: _____

○ Signature of Board Members Present (Add Signature Lines as Needed):

- _____
- _____
- _____
- _____
- _____
- _____
- _____

❖ If contracting with a CMO/EMO, that the selected management company has reviewed with the full Board of Directors, listed within the application, all the items required and the associated management contract and operations.

- Name of the Contact for Selected EMO/CMO: N/A. We will not use a CMO/EMO. _____
- Date of Review: _____
- Signature of Board Members Present (Add Signature Lines as Needed):
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____

❖ If contracting with a financial management service provider that the selected financial service provider has reviewed with the full Board of Directors, listed within the application, all the financial processes and services provided.

- Name of the Contact: ___ N/A. It is too early to contract with a financial management service provider. One of our board members works in cooperate finance. She offers us professional advice during the planning stage. _____
- Name of the Selected Financial Service Provider: _____
- Date of Review: _____
- Signature of Board Members Present (Add Signature Lines as Needed):
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____

❖ If the proposed Board of Directors, listed within the application, is contracting with a service provider to operate PowerSchool that the service provider has reviewed all of the financial processes and services provided.

- Name of the Contact: ___ N/A. We are not contracting with a service provider. _____
- Name of the Selected PowerSchool Service Provider: _____
- Date of Review: _____
- Signature of Board Members Present (Add Signature Lines as Needed):
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____

Certification

I, Wenyu Bai, as Board Chair, certify that each Board Member has reviewed and participated in the selection of the individuals and vendors attached to this document as evidenced by the full Board of Director signatures outlined above. The information I am providing to the North Carolina State Board of Education as the School Board President of Carolina Experimental School is true and correct in every respect.

Signature

Wenyu Bai

Date

9/15/16