

Courses List

Pursuant to SL2023-132, the following elective middle school courses would satisfy the requirement for a Public School Unit to offer an elective introductory Computer Science course in middle school that surveys the field of Computer Science:

Course Number	Course Name
CY20	Computer Science Discoveries I
CY21	Computer Science Discoveries II
CY22	Computer Science Discoveries III
CY30	Coding in Minecraft - Introductory
CY31	Coding in Minecraft - Intermediate
CY32	Coding in Minecraft - Advanced
CY90	Exploring Computer Science
CY95	Exploring Digital Arts I
CY40	Engineering: Exploring Technology I
CY41	Engineering: Exploring Technology II
CY42	Engineering: Invention and Innovation I
CY43	Engineering: Invention and Innovation II
CY44	Engineering: Technological Systems I
CY45	Engineering: Technological Systems II
CY60	PLTW Gateway: Design and Modeling
CY61	PLTW Gateway: Automation and Robotics
CY62	PLTW Gateway: App Creators
CY63	PLTW Gateway Comp Sci Innovators and Makers
CY64	PLTW Gateway: Energy and the Environment
CY65	PLTW Gateway: Flight and Space
CY67	PLTW Gateway: Magic of Electrons
CY68	PLTW Gateway: Green Architecture
CY92	Exploring Robotics

Review Process

An annual review of courses will occur to determine the eligibility of new state-managed courses or local course options to be included on the list. All courses to be considered will be submitted to the North Carolina Department of Public Instruction for review by August 1 of each year for implementation the following academic year. A course will be deemed eligible if at least 80% of the course focuses on three or more of the following Computer Science principles:

- Computing systems and applications
- Networks and the internet
- Data analytics
- Programming and algorithms
- Impacts of technology

Updates to the list will be presented annually to the State Board of Education for approval.