

Main Criteria: Forward Education
Secondary Criteria: CSTA K-12 Computer Science Standards
Subjects: Mathematics, Science, Technology Education
Grades: 3, 4, Key Stage 1, Key Stage 2

Forward Education

Powering the Future with Wind Energy

CSTA K-12 Computer Science Standards
Technology Education
 Grade 3 - Adopted: 2017

LEVEL	CST A.1B.	Level 1B (Ages 8-11)
STRAND / COURSE	1B-AP.	Algorithms & Programming
LEARNING OUTCOME / STRAND		Program Development

LEARNING OUTCOME 1B-AP-13. Use an iterative process to plan the development of a program by including others' perspectives and considering user preferences. (P1.1, P5.1)

LEARNING OUTCOME 1B-AP-16. Take on varying roles, with teacher guidance, when collaborating with peers during the design, implementation, and review stages of program development. (P2.2)

LEARNING OUTCOME 1B-AP-17. Describe choices made during program development using code comments, presentations, and demonstrations. (P7.2)

LEVEL	CST A.1B.	Level 1B (Ages 8-11)
STRAND / COURSE	1B-IC.	Impacts of Computing
LEARNING OUTCOME / STRAND		Social Interactions

LEARNING OUTCOME 1B-IC-20. Seek diverse perspectives for the purpose of improving computational artifacts. (P1.1)

CSTA K-12 Computer Science Standards
Technology Education
 Grade 4 - Adopted: 2017

LEVEL	CST A.1B.	Level 1B (Ages 8-11)
STRAND / COURSE	1B-AP.	Algorithms & Programming
LEARNING OUTCOME / STRAND		Program Development

LEARNING OUTCOME 1B-AP-13. Use an iterative process to plan the development of a program by including others' perspectives and considering user preferences. (P1.1, P5.1)

LEARNING OUTCOME 1B-AP-16. Take on varying roles, with teacher guidance, when collaborating with peers during the design, implementation, and review stages of program development. (P2.2)

LEARNING OUTCOME 1B-AP-17. Describe choices made during program development using code comments, presentations, and demonstrations. (P7.2)

LEVEL	CST A.1B.	Level 1B (Ages 8-11)
STRAND / COURSE	1B-IC.	Impacts of Computing
LEARNING OUTCOME / STRAND		Social Interactions

LEARNING OUTCOME 1B-IC-20. Seek diverse perspectives for the purpose of improving computational artifacts. (P1.1)