

Main Criteria: Forward Education
Secondary Criteria: CSTA K-12 Computer Science Standards
Subjects: Mathematics, Science, Technology Education
Grades: 9, 10, Key Stage 3, Key Stage 4

Forward Education

Replanting our Forests with Automated Tree Seeders

CSTA K-12 Computer Science Standards
Technology Education
 Grade 9 - Adopted: 2017

LEVEL	CST A.3A.	Level 3A (Ages 14-16)
STRAND / COURSE	3A-AP.	Algorithms & Programming
LEARNING OUTCOME / STRAND		Algorithms

LEARNING OUTCOME 3A-AP-13. Create prototypes that use algorithms to solve computational problems by leveraging prior student knowledge and personal interests. (P5.2)

LEVEL	CST A.3A.	Level 3A (Ages 14-16)
STRAND / COURSE	3A-IC.	Impacts of Computing
LEARNING OUTCOME / STRAND		Culture

LEARNING OUTCOME 3A-IC-25. Test and refine computational artifacts to reduce bias and equity deficits. (P1.2)

CSTA K-12 Computer Science Standards
Technology Education
 Grade 10 - Adopted: 2017

LEVEL	CST A.3A.	Level 3A (Ages 14-16)
STRAND / COURSE	3A-AP.	Algorithms & Programming
LEARNING OUTCOME / STRAND		Algorithms

LEARNING OUTCOME 3A-AP-13. Create prototypes that use algorithms to solve computational problems by leveraging prior student knowledge and personal interests. (P5.2)

LEVEL	CST A.3A.	Level 3A (Ages 14-16)
STRAND / COURSE	3A-IC.	Impacts of Computing
LEARNING OUTCOME / STRAND		Culture

LEARNING OUTCOME 3A-IC-25. Test and refine computational artifacts to reduce bias and equity deficits. (P1.2)