CoderZ
Code Farm:
Growing Season

A TEKS Aligned, Gamified
Computer Science Solution

Cultivating young minds through the uniquely made-for-Texas coding and robotics courses, Growing Season continues to plant the seeds of STEM education. Students work through agricultural-themed missions with a virtual robot, expanding their knowledge with more complex missions and advanced topics such as sensor-based navigation and optimizing for speed and accuracy.

Aligned to TEKS Grade 6 standards, the course harvests a wide range of problem-solving, design, and analytical skills. ELAR and Mathematics extensions deepen learning for digital ethics, cybersecurity, and data literacy.

- 6th Grade Curriculum
- Suitable for teachers of all backgrounds
- Blockly Coding
- Easy, web-based access
- Interdisciplinary
- Designed for Texas

Code Farm: Growing Season offers a broad view of CS education through a variety of lenses: Engineering Design, Algorithms & Coding, Ethics & Impacts of Tech, and more.

STUDENT OUTCOMES:

- Navigational sensors such as gyroscopes
- Project planning and documentation
- Collaborative problem solving
- Impacts of emerging technologies
- Critical thinking and analysis
- Data management and representation

* Full alignment to the revised TEKS for Technology Applications

All lessons include clear learning objectives and assessment opportunities

TEACHING RESOURCES:

- Teachers' guide
- Guiding question for each lesson
- Reflection questions
- Quizzes
- Project rubrics and exemplars
- Slides for lesson guidance in classroom
- Knowledge base and help desk
- Heatmap for tracking student progress
- Suggested solutions (for teachers)

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www.GoCoderZ.com