Computer Science - Minecraft Challenges

Instructor: **Andrea Covarrubias**
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Objective: *Engage creativity, develop problem-solving skills, and work cooperatively by facing build challenges and projects in Minecraft Education Edition.*

Syllabus:

<u>Fall 2024</u>

Week 1 (Aug 26-30) - Introduction to Minecraft Education Edition; build a treehouse

Week 2 (Sep 2-6) - Class Build - Mars Rover

Week 3 (Sep 9-13) - Partner Build - Honey Bee Challenge

Week 4 (Sep 16-20) - Individual Build - Super Cool Bedroom

Week 5 (Sep 23-27) - Class Build - Desert Island Survival Challenge

Week 6 (Sep 30- Oct 4) - Individual Build - Design a vehicle

Week 7 (Oct 7-11) - Partner Build - Moat Survival Challenge

Fall Break Oct 14-18

Week 8 (Oct 21-25) - Individual Build - Random Pixel Art

Week 9 (Oct 28 - Nov 1) - Group Build in Classroom World - Random Landmarks

Week 10 (Nov 4-8) - Partner Build - Spaceship Story

Week 11 (Nov 11-15) - Individual Build in Classroom World - Labyrinth Challenge

Week 12 (Nov 18-22) - Classroom Build - Element Scavenger Hunt

Thanksgiving Break Nov 25-29

Week 3 (Dec 2-6) - Classroom Build - Amazing Survival World

Week 14 (Dec 9-11) - Classroom Build - Amazing Survival World

Week 15 (Dec 16-20) - Classroom Build - Amazing Survival World