

Tech Trial

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Complementary: CTF Technology: Tech Trial

Driving Question: How can I express my creativity through the use of technology & software?

Course Description: Students will use the programs iMovie and Stop Motion Pro to create various short movies. Each movie will have a given topic and a suggested material (clay, blocks, etc.) to use to express the students' interpretation of the topic. Additionally, students will explore coding using Sphero robots. Students will collaborate in groups of 2 or 3 to complete each project.

Career Possibilities: *Technology, Expressive Art, Movie Making, Coding*

Activities: The primary expectation is for students to participate with a positive attitude and effort. Students take part in various projects such as:

- ❖ Using Self & peers to create an iMovie trailer
- ❖ Using shape blocks to animate a chosen music selection
- ❖ Using 'Fruitloop cereal' to create an animated design
- ❖ Using whiteboards & markers to create a line/stickman movie
- ❖ Using modeling clay to create a morphing movie
- ❖ Using toy cars to create a traffic-related movie
- ❖ Using Sphero robots to apply coding knowledge

Supplies: Students are expected to bring general art supplies for designing backgrounds. iPads will be provided for students to use.

CTF Outcomes

Personal Connections

- **CTF.1.1** - I explore my interests and passions while making personal connections to career possibilities

Designing and Creating

- **CTF.2.1** - I plan in response to challenges

Collaboration and Personal Growth

- **CTF.3.3** - I collaborate to achieve common goals

Evaluation

EL - Excelling: Demonstrates exemplary performance in relation to the CTF outcome

PR - Proficient: Demonstrates strong performance in relation to the CTF outcomes

SA - Satisfactory: Demonstrates adequate performance in relation to the CTF outcomes

BG - Beginning: Demonstrates basic performance in relation to the CTF outcome

LT - Limited: Demonstrates limited or below-expected performance in relation to the CTF outcomes

Students will be expected to complete each project with care & attention to the criteria. Students will be assessed on attitude, collaboration, and work habits within the classroom.