



KVSOP Reichenbach  
STEAM War of the Worlds (Spaceship)  
EDP (EDP)

Name\_\_\_\_\_

Date\_\_\_\_\_

MS-ETS1-1: Criteria & Constraints

MS-ETS1-2: Design Schematics

MS-ETS1-3: Test & Analyze Data

MS-ETS1-4: Revise Model & Test

#### Content

MLR Visual & Performing Arts

A1: Artist Purpose

A2: Elements of Art Principles & Design

A3: Media Tools, Techniques & Processes

B2: Composition Skills

C1: Creative Processes

E1: Arts & History and World Cultures

E2: Arts & other Disciplines

E3: Goal Setting

E5: Interpersonal Skills

#### References:

Orson Welles Radio broadcast War of the Worlds (YouTube).

Power Point (Richard Reichenbach 2012) depicting aliens from various space invasion movies throughout history and other cultures.

Movie: War of the Worlds

YouTube: Alien Planet

Power Point (Richard Reichenbach) of movie release posters.

Challenge: I am a movie producer creating a modern version of the movie War of the Worlds and you are a special effects artist who must design the alien and it's spaceship. You must create the mother ship and attack ship. In addition you must design the alien's structure based on the specific adaptation needs to live on their home planet. You will sketch the alien then create a 3D model from plaster. Finally you will create the movie poster which must depict your alien.

#### Constraints:

Time management ( completing steps along the entire process)

Connecting structure ( science) to function( Planet conditions)

Craftsmanship ( producing quality plaster smooth & paint)

#### MATERIALS:

- ☐ Computer & programs: Tinkercad, Sculpt-GL
- ☐ Drawing Materials ( paper colored pencils)
- ☐ Plaster Cloth
- ☐ Al Foil
- ☐ Cardboard ( various sizes for draft purposes)
- ☐ Masking tape
- ☐ 3D printers and material to support 3D
- ☐ Tempura Paint ( variety of colors)
- ☐ Movie Alien Planet

#### DIRECTIONS

1. Listen to the Radio Broadcast War of the Worlds (YouTube).
2. Design (draw) alien based on planet. Write a descriptive paragraph on alien's physical characteristics and why its invading Earth.
3. Create basic form (skeletal frame) of alien using cardboard and or A-foil.
4. Cover skeleton with plaster cloth and paint.

5. In Tinkercad and/or Sculpt-GL create mother and fighter ship ( 2 ships).
6. Draw movie release poster depicting your alien and its unique characteristics.
7. Watch 1954 version of War of the Worlds.
8. Share and discuss art.

Assessment: Proficiency Based Assessment