

Year 6

TOPIC FOCUS/TITLE: Dragon's Den

SCIENCE: (Light Unit)

- I know that light appears to travel in straight lines
- I can explain that objects are seen because they give out/reflect light into the eye
- I can explain that we see things because light travels from light sources to objects and then to our eyes
- I can explain why shadows have the same shape as the objects that cast them
- I can explore a range of phenomena including rainbows, colours in soap bubbles, objects looking bent in water and coloured filters

DESIGN TECHNOLOGY:

- I can work accurately and precisely
- I can hide joints to improve the aesthetic quality of a product
- I can justify my choice of materials
- I can work within the constraints of a budget
- I can promote/pitch my product to a panel of judges
- I can consider what a buyer would want from my product

COMPUTING: Data Retrieving and Organisation

- I can add special effects to alter the appearance of a graphic
- I can explore the menu options and experiment with images

MUSIC: Composition

The children could compose a melodic piece in pairs to accompany the graphic work with Giacometti figures (could they make an animated film with background music to give this a purpose?)

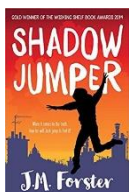
- I can compose using the pentatonic scale
- I can use different musical devices in my composition
- I can use standard & pictorial notation
- I can appraise the music I have composed

LITERACY LINKS:

There will be many opportunities to write instructions – when designing and making the periscope/ creating sculptures

There will be opportunities to write scientifically

This book looks good



ART & DESIGN: 3D

Study the work of **Alberto Giacometti** – Sculptor

Make figures in the style of Giacometti using pipe cleaners and tin foil. Reflect the elongated limbs and solitary aura of his sculptors. Once made – position in different stances to be photographed. Capture the reflection of the image from different angles to find the best 'shadows' linking to learning about how light travels and the effects it has on shadow cast'

Draw reflections created into sketchbook – photograph shadows cast and save images on computer

Link to Computing

- I can create 3D models on a range of scales
- I can use a range of tools to add texture
- I can add visual and tactile elements to express mood and emotion
- I can create art work by integrating digital images I have taken, altered and adapted
- I can combine a range of materials and processes to produce 3D forms
- I can express myself through a 3D creation which is open to interpretation



TAKE HOME TASK: This could be related to a research linked to Giacometti