

SunSpaceArt

Art Worksheet 17 – by Helen Schell – Postcards from the Moon

Background

The *SunSpaceArt* project aims to inspire children and to develop creativity. The project brings together arts and science learning (STEAM). The team comprises scientists, space ambassadors and artists. The project is funded by the Science and Technology Facilities Council. For more information, see the

www.sunspaceart.org website or contact info@sunspaceart.org.

This art worksheet is designed for teachers to deliver *SunSpaceArt* lessons independently.

Grade: Key stage 1, 2 or 3

Ideal Class size: 24-30

Materials:

- Black, white & grey A5 card for postcards
- Recycled paper and card where possible
- Collage materials (tin foil, stickers, holographic paper & printed images)
- Scissors, rulers, stencils and circular lids (to draw around)
- Glue sticks, tapes, staplers, and DS sticky pads
- White & coloured paper and card (A5 - A4)
- Pencils, crayons and felt tip pens
- Small white square stickers (approx 4.5cm square for moon stamps)

Extension Themes

- Mars & other planets of the solar system, Earth's environment and exoplanets

Objectives: for teachers and pupils to create original artworks about the Sun, Moon, Solar System and space, within the context of plans to return to the Moon (Artemis Mission 2024) and build a Moon village. This activity includes historical, present and future lunar exploration plans. The aim is to enable a greater understanding of space science by using art and craft techniques and literacy. The links below can also be used for story writing, poetry, performance, maths and IT sessions. This is an ideal format to introduce the children to careers in science and the arts.

Workshop Themes:

solar technology (energy), lunar mining (industry and geology)
Moon village – architecture, living and community (habitats, gardens, food and health, and flags)
Moon tourism (posters and marketing)
Moon rovers (design and technology)
Moon base with Mars training facility (business, health and fitness)
Lunar space station, (spacecraft and geography)
spacesuits, robots & Moon fashions (smart materials, mission badges and design)



Workshop plan

Running Time: an hour or morning activity (dependent on content)

Activity:

The aim is to create a series of 'Postcards from the Moon' in terms of exploration and future settlements. The children

should include written facts and messages on one side and art images on the other side. The square stickers are to create postage stamps. Please set out a range of materials (use recycled where possible) for easy access and to promote experimentation. All materials and activities are suggested and we hope that teachers and pupils will develop their own customised versions as this is about space exploration and discovering new things.

Step 1: Workshops should begin with either a PowerPoint presentation or pupils can do their own research either online or by using books and magazines. A whole class discussion will get ideas flowing and enable children to develop their chosen project.

Step 2: Each pupil chooses an A5 card and by referring to Moon facts and images can create their own card expressing what they think the Moon is like, what they have learnt and what lunar exploration (Artemis Mission – first woman on the Moon 2024) might be like in the future.

Step 3: On the front of the card they can draw, colour and collage moon themed images and on the back they can write facts, messages, poems or short stories. These messages can be addressed to friends, family members or well-known people.

Step 4: They should design and decorate a small sticker which acts as a moon postage stamp.

Final Project: They should present a classroom ‘Show & Tell’ and projects can be used for school assemblies, exhibitions and parent events. The pupils can read out their space-age messages.

Discover more - online resources for research & development:

- <http://www.suntrek.org/>
- <http://lunarexploration.esa.int/#/intro>
- <https://www.nasa.gov/moon>
- <https://www.nasa.gov/specials/artemis/>
- <https://solarsystem.nasa.gov/planets/overview/>
- <https://exoplanets.nasa.gov/>
- <http://thenewbridgeproject.com/portfolio/helen-schell/>
- <http://vane.org.uk/pst-exhibitions/the-human-spaceship/>

Workshop Images

