

This document contains suggestions for activities to follow up on the taught session.

Plan an expedition to the Moon

Set up a collaborative task of planning a class expedition to the moon. Help the children to talk and plan together about how they will begin, what parts each will play and what materials they will need.

Activities could include:

- Planning and listing astronauts' requirements and resources (such as breathing apparatus, personal telescopes and boots).
- Designing and making space outfits.
- Building the final mode of transport itself, complete with instrument panel, booster rockets, bunks and storage space – all appropriately labelled with safety notices. Offer opportunities for the children to build and construct with a wide range of objects, and to select the tools and techniques they need to shape, assemble and join materials they are using.

The Crater Challenge

Give the children a golf ball and ask them to find out what happens when it is dropped into the sand tray. Encourage the children to explore the effects of dropping the ball from different heights, to investigate the materials and to record their findings. Encourage the children to use talk to organise, sequence and clarify their thinking and ideas.

Write a class book

It could be about the visit to the Museum, or could concentrate solely on the session in the Air and Space Hall.

Design a space based role play area

Work together on this as a class and use the opportunity to introduce appropriate vocabulary and re-enact the astronaut's journey to the moon.

Make model rockets

Use coloured paper shapes; junk materials etc.

***The Planets* by Gustav Holst**

Listen to the music. Create a sound picture of a journey into space. Develop the children's response by extending the activity into dance, poems or story.

Role play

Re-enact the preparation for before blast off. How would they feel the morning of the launch? How would they feel moments before blast off? What would their families be thinking?

Story telling

Encourage the children to think of ways to change the moon landing story, alternate ending etc.

Websites

<http://www.bbc.co.uk/science/space/>

Space news, sky maps, 3D tours of the planets, games, competitions, pictures etc.

<http://education.nasa.gov/home/index.html>

A useful resource for teachers and students.

<http://spaceplace.nasa.gov/en/kids/>

Games, animations, projects, and fun facts about Earth, space and technology.

<http://www.nasa.gov/audience/forkids/home/index.html>

NASA website for children with activities and links to other useful sites.