



# Lunar Exploration

## Comprehension Exercise

### Classroom Activity

#### Overview

**Age Range:**

12-16

**Prep. Time:**

0

**Lesson Time:**

1 hour

**Cost per activity:**

Low (printing costs)

**Includes the use of:**

Pen/pencil, printouts

#### Outline

Students will explore the moon through a comprehension activity. Reading the document provided to them and answering a set of questions.

They will need to analyse text to pick out the key, relevant, information and then use this to fill out the work sheet in the student guide.

### Pupils will Learn:

- Analyses of text to pick out relevant information
- A breadth of knowledge about Earth's moon

### Lesson Plan:

Overview of the time required to complete lesson.

Description	Time	Notes
Introduction to the subject	10 min	
Activity 1	40 min	Use: 'RAS Lunar_exploration.pdf'
Assessment	10 min	

Online Observatory: [onlineobservatory.eu](http://onlineobservatory.eu)

The online observatory collaboration consists of the following partners:

Baldone Observatory, Brorfelde Observatory, Cardiff University, Harestua Solar Observatory, Helsinki Observatory



## Introduction to the subject:

Ask students what they can tell you about the moon and make a note of this on the board. Show them an image of the moon, can they name any features or tell you the difference between the light and dark sections?



## Activity 1:

- Distribute the RAS Lunar Exploration document or display it somewhere one page at a time (if doing this skip to step 3)

Introduce the activity, taking special care to tell students they need to read through the text and questions carefully before starting.

1. Set a quiet period of time where all students are reading through the whole document.
2. When students have finished the document, they should look through the questions they need to answer.
3. Have students re-read the first page and then answer the relevant questions.
4. Repeat step 3 for each of the pages and question sets.



## Assessment:

Repeat the questions you asked students in the introduction, they should be able to provide a lot more information than they could previously.

Ask what experiments the students think should be done on the moon.