

Changing Faces of the Moon

Approach: Station

Focus: Identify the sequence of phases of the moon.

Resources: Computer, mouse, headphones, mousepad.

Level: Year 8

Questions/instructions:

When we look at the moon in the sky, its shape seems to change from night to night. These are called the moon's phases. Drag the moons above so that they are in the correct order. Start with number 1 which has been done for you. Click the Done button when you are finished...

This activity is done on the computer. The computer should show the home page. If it doesn't tell the teacher. Click on the button that says "Moon". The computer will tell you what to do

Placement of 7 phases

All correct:	for southern hemisphere	20
	for northern hemisphere	12
One pair inverted:	for southern hemisphere	8
	for northern hemisphere	6
Other		54

% responses

y8

Commentary:

Twenty percent of the year 8 students produced a completely correct response, with a further 12 percent putting the phases in a logical sequence but opposite to that applying in the Southern Hemisphere.