

Phases of the Moon



THEME: Science/Technology/Art/Engineering

GRADES: 5th Grades

DURATION: 90' minutes /2 week

REALIA-MATERIAS: · Interactive board images of the above mentioned
· Video showing her phases
· Cardboard
· Lamp, little ball, chair

OBJECTIVES: Through the lesson, pupils will be able:

- know through observation
- recognize moon phases in pictures and viewing the moon
- understand the origin of moon phases
- create model of moon phases

DESCRIPTION

The students observed the moon, talked about what changes they see in the shape and size of the moon. The students went out to look at the moon at least twice per week, they saw the different phases. They drew what the moon looks like in a phases of the moon windows to track the changes they saw.

Schoolchildren are confused about why the moon looks different at different times of the month. They can understand how this happens with simple scientific experiments with a ball and a light.



EVALUATION

At the end of this simple two-hour experiment, pupils should be able to represent and explain the phases of the moon. They should also have made a diagram of their observations on their notebooks. They should also construct a simple tool to connect the shape of the moon to its position relative to the sun.