

TITLE: Explore the Solar System

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Timeframe of activity: 30-35 min

Tags: Solar System, Space, Sciences

Grade Level: K6

App/Tech Tools: CleverBooks Space App, Mobile device (tablet or mobile phone)

Additional material: CleverBooks Space Poster

Learning Objectives:

Study the solar system including the planets and NASA rocket launch:

- Solar system imagination
- Chose a mission and launch a rocket
- Explore Rocket Parts (NASA)

The students are encouraged to work in the small groups to find answers to questions, discussion on topic and get real perception of data regarding rockets.

The team activity develops collaboration, critical thinking, information search and enthusiasm regarding space travel among bubbles/pupils.

Lesson Activity:

- Divide the class into 2-3 small groups each group should have CleverBooks Space Poster to work with.
- **Main question to the class:** Have you ever thought of what you can see when we travel in the solar system?

Students take phone with CleverBooks Space App then focus the camera on Space Poster and observe solar system.

Students zoom in and out, explore the different planets in the solar system, also by pressing on NASA launch mission tab they send different rockets /satellites to different planets like Mars and Uranus.

Students got excited to see such kind of visual AR in practice. Their perception and imaginary space travel got explored by using CleverBooks Space Poster.

Questions outline:

SOLAR SYSTEM:

1. How would you define the Solar system?
2. Name three planets to your choice?

NASA MISSION:

1. What NASA stands for?
2. What are the components of rocket?
3. Students how you feel while using AR?