

THE SOLAR SYSTEM
Lesson Plan
UNIT 2

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UNIT 2: THE PLANETS**SUBJECT: SCIENCE****TIMING: LESSONS 4-10****LEVEL: 6th GRADE****AIMS**

To know about the eight planets and recognise and name other features of the Solar System such as galaxies, stars, nebulae, constellations and comets.

TRANSFERABLE SKILLS (CONTRIBUTION TO COMPETENCES)

Communicative skills: understand, perceive, value and apply, critically, different artistic forms of expression

Methodological skills: strategic mathematical thinking and use of different supports including ICT tools to learn

Personal skills: create, initiate, develop and assess both individual and collective activities

LEARNING OUTCOMES (STUDENTS WILL)**KNOW**

Conditions for life to exist

About changes in the planets, Solar System, galaxies and the Universe

Features of other celestial bodies

Fast facts about nebulae, stars, galaxies, comets, asteroids and constellations

BE ABLE TO

Explain facts and discuss about the planets and other issues in the Solar System

Get information by using different media.

Explain the differences between any of the eight planets

Share information from texts

Participate in choral reading

BE AWARE OF

Classmates' opinions

How to cooperate in a group

The value of other's works

The connection between the gas giantsplanets

The connection between the small rocky planets

COGNITION

Predicting information

Making judgements and decisions informed by reason or evidence

Calculating how old they would be in other planets and explaining it by using substitution tables

Applying imagination when dealing with Art&Craft

CONTENT

Solar System and planets features

Location of the eight planets in the Solar System and in the Universe

Our home galaxy: the Milky Way

Life on Earth

Planets' moons and rings

COMMUNICATION (LANGUAGE AND LINGUISTIC CONSIDERATIONS)		
LANGUAGE OF LEARNING	LANGUAGE FOR LEARNING	LANGUAGE THROUGH LEARNING
<p>Key vocabulary: Mercury, Sun, Mars, Saturn, Jupiter, Neptune, Uranus, Venus, Earth, galaxies, comet, asteroid, nebulae, stars, constellation, cotton wool, tissue paper, crayons, felt-tip pens</p> <p>Main structures: ...are small / big..., ...adopt different forms such as..., How old are you on...? On...I am..., We can see... There is a..., There are..., "X" plus "Y" is..., "X" minus "Y" is..., "X" multiplied by "Y" is... "X" divided by "Y" is..., Which, Why, What, Where, How,</p> <p>Personal pronouns: I, you, he, she, it, we, you, they</p> <p>Adjectives: dark, close, light, gas, rocky, luminous, far, near</p>	<p>Functions Making recommendations Comparing / Classifying Giving reasons Adding, Subtracting, multiplying, dividing Sequencing Stating facts Making predictions /conclusions Asking and answering questions Why, What, Where...Because</p> <p>Language support Substitution tables Word cards Sentence gap fill Word banks Vocabulary on the board</p>	<p>Research</p> <p>Language to carry out oral tasks and worksheets</p> <p>Dictionary use for vocabulary extension</p> <p>Questions that come up through the lessons</p>

CULTURE / CITIZENSHIP

Appreciate differences between the names planets, galaxies, comets and constellations have in different countries.

Discuss and work accurately in pairs and small groups.

Respect others' ideas and opinions.

ASSESSMENT CRITERIA

Can the students?

Access and communicate information using ICT tools

Identify and match pictures and definitions from the topic

Do Art&Craft related to the creation of the Solar System

Work with both content and mathematical issues at the same time