

The Universe



Objectius

- .Introduce the topics of dark matter and dark energy, practising reading and writing skills.
- .Review a part of the unit and co-evaluation.

Descripció de la proposta

In this project, children are introduced to the components and the main vocabulary about the Universe. Children will be guided to understand the Moon phases in a manipulative way. The students have visited a planetarium session in CosmoCaixa where they have been introduced to the dark energy and dark matter. This session has been thought to approach the experience and help them to understand this abstract concepts better. The planned activities are thought to increase their reading and writing while they are also learning contents. Finally, they prepared a final project on a Solar System exhibition with a real scale in the town, Balaguer. It includes a vocabulary revision; an evaluation activity, in this case a plickers game, and a co-evaluation rubric to see how the teams have worked. This project is a result of a GEP1 project.

Aspectes didàctics i metodològics

These four sessions are based on a CLIL project about the Universe. The lessons combine individual and collaborative activities, the vocabulary is adapted to the students' level and they allow students to improve their knowledge and also their language.



Recursos emprats

<https://edpuzzle.com/>

<https://wordart.com/7f5bqoxifd5l/heart>

.Plickers

Continguts, competències i processos que es treballen de forma destacada

Science.

- .The main Universe components and the Moon phases.
- . group work.

English

- .listening on the Universe,
- . writing on the Universe
- .fluency
- .vocabulary about the Universe
- . a debate about the Earth-Moon position.

Alumnat a qui s'adreça especialment

1st ESO

Interdisciplinarietat, transversalitat, relacions amb l'entorn

Science.

Documents adjunts

The Universe project.

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