

## Space exploration



### Objectius

- . Understand the importance of space travel in order to recognize the components of the Universe.
- . Discover how astronauts live in space.
- . Discover the type of experiments carried out at the ISS.
- . Understand and find out what type of difficulties an astronaut can have in space.

### Descripció de la proposta

The project focuses on Space Exploration . Scientific advances are very important in our daily lives and children should realize of how this affect their daily lives. It is also important to understand the evolution of space travel from its beginnings to the current days in order to foresee what future life we or our grandchildren could expect. Students will get acquainted with space vocabulary about the Universe and the Solar System (its components, celestial bodies, etc...). and we'll be able to talk about the pros and cons of space exploration. This project is a result of a GEP1 project.

### Aspectes didàctics i metodològics

These ten sessions are based on a CLIL project. Students work collaboratively in groups to solve different challenges: ordering a handout, coming up with their own conclusions in the concept cartoon. The use of various visual inputs is also very important to make the activities more understandable, and there's a graphic organizer, picture dictionary, and videos. Finally, we are also fostering critical thinking and the use of knowledge is also fostered as they need to process and recall the information worked throughout the unit.

### Recursos emprats



Blast Off <https://www.youtube.com/watch?v=NQef-oyaEiw>  
.International Space Station..<https://www.youtube.com/watch?v=Yo4vespbJC8>  
.Chris Hadfield's Space Kitchen in <https://www.youtube.com/watch?v=AZx0RIV0wss>

## **Continguts, competències i processos que es treballen de forma destacada**

### *Science*

- . The importance of space travel in order to recognize the components of the Universe.
- .How astronauts live in space.
- . The type of experiments carried out at the ISS.
- . Type of difficulties an astronaut can have in space.

### *English*

- . Space vocabulary (ISS, shuttle, satellite, orbit ...).
- . Space food vocabulary (dehydrated, specially packaged ...)
- . Colloquial expressions (Not too bad, pretty delicious ...)
- .Classroom language.
- . Answering questions related to prior knowledge: What is the ISS? What's the name of the first man in space?
- . Answering questions checking for comprehension: What is the ISS for?
- . Discussing (I think..., In my opinion...).
- . Following instructions.
- . Reasoning about space dangers.
- . The language used by the teacher to control, correct and encourage pupils.
- . The language used to answer questions that appear in the middle of the lesson.
- . The language students may use to formulate their idea

## **Alumnat a qui s'adreça especialment**

5th grade. Primary School.

## **Interdisciplinarietat, transversalitat, relacions amb l'entorn**

Science

## **Documents adjunts**

Space exploration project.

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