

## Space

For our next project we are going to concentrate on Space...

Let's discuss some aspects of Space travel, Space exploration and, why not, Space colonization...

**I) Watch the following video and try to list the main ideas expressed in this short document:**  
(basically, why should we travel to Mars?)

[https://www.youtube.com/watch?v=aCEvMY3nZoU&ab\\_channel=NationalGeographic](https://www.youtube.com/watch?v=aCEvMY3nZoU&ab_channel=NationalGeographic)

**II) Express your opinion on this subject:**

What is your personal opinion on Space travel? Should we invest time, money...in Space exploration? Why/ Why not?

**Arguments in favour of Space exploration**

**Arguments against Space exploration**

**III) You will find listed below a list of potential subjects, choose one, find some materials that you can use to make a short presentation (min. 5 minutes/ max. 8 minutes ) in class in front of the other students. You will have to prepare a slideshow to use as a backup for your talk.**

You have to be ready for the **28<sup>th</sup> of November**.

The presentations will take place in our TP classes, on November 28<sup>th</sup> and December 5<sup>th</sup>.

You can use an existing presentation (such as a Ted Talk for example) as an inspiration and present it to the class (of course you need to be very clear and specific about your sources!) or you can gather your own material yourself and create your own presentation.

**Subjects:**

**(The only constraint is that the same subject cannot be chosen twice in a TP group)**

- Space Tourism
- Space exploration
- Space pollution
- Space X
- Blue origin
- Virgin Galactic
- Psyche, the asteroid that could be worth billions of dollars
- The ISS
- Mars exploration/ Terraforming Mars
- Space and Laws
- Traveling to Mars
- Living on Mars
- Space exploration through time / The great names/ dates of Space exploration

- Women and Space
- Space / Space travel in films/ books/ games/ series (ex: Interstellar/Star wars/ Don't look up/ Star citizen/ No man's sky...)
- Extraterrestrial lives
- Technological discoveries due to Space research
- The Apollo missions
- The James Webb Space Telescope

While listening, the other students will make some notes to help them prepare for the debate.

### **Useful links:**

If you follow this link, you will find hundreds of Ted Talks dedicated to Space, so that you have no reason not to feel inspired ;)

<https://www.ted.com/talks?topics%5B%5D=space>

<https://www.ted.com/search?q=space+exploration>

### **Other interesting links:**

[https://www.nasa.gov/exploration/whyweexplore/why\\_we\\_explore\\_main.html#.X6\\_iG3VKhH4](https://www.nasa.gov/exploration/whyweexplore/why_we_explore_main.html#.X6_iG3VKhH4)

<https://www.nationalgeographic.com/science/space/space-exploration/future-spaceflight/>

<https://www.britannica.com/science/space-exploration>

<https://aerospace.org/article/brief-history-space-exploration>

<https://www.nasa.gov/sites/default/files/files/Benefits-Stemming-from-Space-Exploration-2013-TAGGED.pdf>

<https://www.jpl.nasa.gov/infographics/infographic.view.php?id=11358>

<https://www.nasa.gov/specials/apollo50th/learn.html>

<https://eu.usatoday.com/story/money/2019/07/08/space-race-inventions-we-use-every-day-were-created-for-space-exploration/39580591/>

### **IV) Your subject:**

a) Give a title to your presentation:

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b) Write the introduction:

- (introduce the general theme):
- (introduce the specific subject):
- (introduce the plan of the presentation):

c) Write the conclusion:

- (summarize the main ideas):
- (Open on a question/ get ready to discuss/ debate):

**V) At the end of your presentations we will have a debate in one of our TP to discuss the issues mentioned during your talks.**

Prepare your debates by listening to the others' presentations, by making notes and by preparing facts, figures and statistics that might convince other people you are right!