



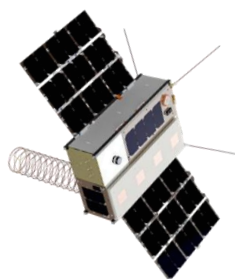
INSPACE
MISSIONS

Design a Space Mission Patch for the Faraday-1 Mission

Lesson / Activity Plan

<https://www.faradaymission.space/competitions>

Share your space ideas and projects via Twitter [#Heads_InSpace](#)





1 DESIGN A SPACE MISSION PATCH

There are a range of topics that can be studied around this competition.

They can be done individually or in groups. We suggest:

1. History of spaceflight and the use of mission patches. Can make an infographic or produce a timeline for the wall?
2. Research into one or two specific space missions. Ask the students to present them as a poster or fact sheet. These could be:
 - a. Missions with people, like the Apollo and the International Space Station
 - b. Robotic space missions like Faraday-1 or Rosetta
3. Design your own space mission
 - a. What problem is it going to solve? What do you need to do to make it survive in space? How will you build & test it? What does it look like?
 - b. How will you get the results back?
 - c. Design your own space mission patch!

2 A FEW OF OUR FAVOURITE RESOURCES

1. Want to find out about UK Space Activities?
<https://www.gov.uk/government/collections/uk-space-missions-case-studies-and-programmes>
2. **Fantastic** downloadable PDF covering history of spaceflight, mind-blowing facts about our universe and hands on activities from STFC Hands-On Universe" For KS1 <https://stfc.ukri.org/files/educational-publications/hands-on-universe-ks1/> and KS2 <https://stfc.ukri.org/files/educational-publications/hands-on-universe/>
3. For your direct link to the ISS go to Amateur Radio on the ISS (ARISS)
<http://www.ariss.org/current-iss-crew.html>
4. **A HUGE RANGE** of educational resources can be found at the UK Space Education Office website <https://www.stem.org.uk/esero/resources>
5. European Space Agency (ESAA) Mission Patches :
http://www.esa.int/About_Us/Welcome_to_ESA/ESA_history/European_manned_spaceflight_patches
6. NASA: Mission Patches. All NASA programs: Mercury, Gemini, Apollo, Skylab
https://history.nasa.gov/mission_patches.html