



ODYSSEY

The monthly newsletter from the Space Science
Environmental & Engineering Foundation.

A LOOK AT GSDC 2022

The Global Space Design Challenge residential programme took place in July at Imperial College, London. This exciting, educational and intense event ran for 11 days and included visits to Oxford and Cambridge Universities, lectures from top academics and a GSDC competition. Students from all over the world, including Malaysia, Hong Kong, U.K, Austria and Germany attended the programme. [Read More](#)



ENVIRONMENTAL DESIGN CHALLENGE 2022

**Environmental Design
Challenge 2022 Workshop**
Space for Life on Earth

The Space Science and



Engineering Foundation is initiating a new programme, the Environmental Design Challenge (EDC). [Read More](#)

Register Here for the EDC 2022 Workshop

BACK TO SCHOOL



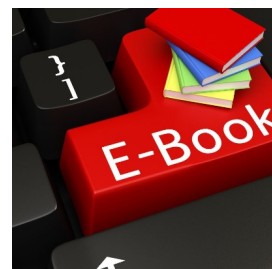
Blast back to school with NASA STEM

NASA STEM has resources available to help students and teachers put an aerospace spin on learning. [NASA STEM](#)



3 Tips to success in school

NASA astronaut Victor Glover. [Watch Here](#)

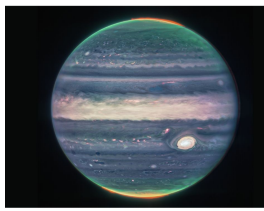


NASA e-books

[Read Here](#)

NEWS

We look at the latest space news from around the world.



James Webb telescope captures stunning images of Jupiter. [Read More](#)



Space port heralds giant leap for national security.

[Read More](#)



Teenager wins out of this world competition for satellite ideas.

[Read More](#)

FEATURE

Why NASA postponed the Artemis 1 moon launch

[Read More](#)



MOON FACTS

MOON FAST FACTS



- The Moon is Earth's only natural satellite and the fifth largest moon in the solar system.
- The Moon's distance from Earth is about 240,000 miles (385,000km).
- The Moon is 1737.4km in radius.
- The Moon's presence helps stabilize our planet's wobble and moderate our climate.
- There is water on the moon!
- The Sun and the Moon are not the same size.
- The Moon is drifting away from the Earth.

CAREERS IN SPACE



Glaciologist - Ann Hogg

See how Ann uses satellite data to look at glaciers at the poles of the earth. [Watch Here](#)

Finding work experience in the space sector

SpaceCareers.UK show you how. [Read More](#)



#SPACE ON SOCIAL

A Day in the life of an astronaut...

How to brush your teeth in space with Chris Hadfield. [Watch Here](#)



If your interested in learning more about space then there is so much information out there on social media. Below is a selection of some recent #space tweets and videos! Why not follow some of the sites to keep up to date with all the latest news.



@SpaceX

Falcon 9 launch 46 Starlink satellites to orbit. [Watch Here](#)



@Space_Station

Investigations into gardening in space continue [Watch Here](#)

International Space Station Retweeted



Jack Fischer @Astro2fish · Aug 12

Thankfully you don't have to be a geography wiz to know what part of Earth you're flying over when you're on the @Space_Station. Our cheat sheet is a little program called 'World Map' that shows astronauts where they are in real time.



GOOD NEWS STORIES

Do you or your school have a good news story about taking part in one of our events?

If you do, we'd love to hear from you so we can feature it in one of our newsletters.

Get in touch with any good news stories!
[Here's How](#)

GET INVOLVED

If your school would like more information on any of SSEF's programmes, please contact Nichola Dale - n.dale@ssef.org.uk

Other ways to get involved with the SSEF

[Donate](#)

[Become a Sponsor](#)

[Volunteer](#)

THANKS TO OUR SPONSORS

Our Sponsors

Students will never forget the people they meet, the friends they make, or the supporters who help them. Backing the SSEF is not a one-way street. Sponsorship is as advantageous for you and your future as for the young designers and explorers of tomorrow.



Imperial College
London



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Space Science Environmental & Engineering Foundation

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