



Spiral Horizons CIC

## At a glance

Course: **Destination Mars!**Topics: **space, STEM**Platform: **STEM Futures**Type: **Community contribution**Size: **4 Modules, 23 topics**

## Key metrics

Trial platform  
launched 2022Designed for all  
age groupsOnline and  
on-demand

STEM education



Space activities

# STEM eLearning with STEM Futures

A community initiative for STEM education

## PROJECT BRIEF ▲

**STEM Futures** is a disruptive eLearning initiative from **Spiral Horizons CIC** which has yet to gain full momentum. In the form of a public facing website **STEM Futures** will offer a range of STEM and data science primer courses.

With an alternate version planned for a younger audience, **STEM Futures** will help adults into new careers and pathways with education and signposting.

## CHALLENGES ▲

To research the needs to support a range of community groups.

To design course content that will be universally applicable for needed industry competencies.

To design fun and interactive courses enjoyable for any age.

To undertake initial trial efforts without capital funding.

## SOLUTIONS ▲

Our in-house team designed the platform identity and branding for this publicly accessible website, collecting minimal personal data.

We created **Destination Mars!** as a free public eLearning course on space exploration and Mars missions.

**Alpha Colony** purchased a portfolio of space education videos from a NASA professional to licence for commercial training.

## OUTCOMES ▲

- **STEM Futures** and its space content has been used to support public education for the **UK Space Tour 2023**.
- The **Cardiff Space Academy** has used **STEM Futures** in 2023 and 2024 for its annual space event.
- Plans are underway to kick start this enormous and ground-breaking community initiative in 2025.

&lt;MORE COMING SOON&gt;