

'Satellife' competition

The UK Space Agency is offering young people expert advice for their ideas of how satellites could improve life on Earth and a share of a £50,000 prize.

Satellites support the economy and everyday life. This competition gives students the chance to pitch their ideas to industry experts and perhaps one day become part of the fastest growing sector of the UK economy.

Students in year 10 have been putting together some innovative ideas which have the potential to use data collected from space to benefit our economy, health or the environment.

Some proposals from Penrice Academy students include creating an app in the style of a game to encourage people to pick up litter and at the same time log their location to build a map of pollution around different areas, GPS tracking of pets, GPS tracking of emergency service personnel, predicting natural disasters, using GPS to log all plastic free businesses etc.

Students have collected market research, collated data and collated their ideas into presentations to propose how their applications of satellite data could help to improve and support communities. Below are just a few of our students' presentations which have been submitted to the UK Space Agency for this competition.