

THE STORY OF A SATELLITE VIRTUAL EXHIBITION

ANSWER SHEET

In 2022 Cornwall will be the first place in the UK to launch

SATELLITES

into space

Can you find three things that satellites help with? (possible answers)

GPS NAVIGATION

INTERNET CONNECTIVITY

COMBATTING CLIMATE CHANGE

CARRYING OTHER SATELLITES

HELPING WITH CANCER RESEARCH

CHANGE DETECTION

EARTH OBSERVATION

HUMAN AND DISASTER MANAGEMENT

NATIONAL SECURITY

INFRASTRUCTURE AND ASSET MANAGEMENT

SCIENTIFIC RESEARCH

TELECOMMUNICATIONS

PLANETARY EXPLORATION

SPACE OBSERVATION

HELPING TO CREATE A SAFE ENVIRONMENT
TO LIVE AND WORK

PROVIDING CHILDREN AROUND THE WORLD
WITH ACCESS TO EDUCATION

PROVIDING CONNECTIVITY TO REFUGEE CAMPS

SUPPORTING EMERGENCY SERVICES
MONITORING THE ENVIRONMENT

CLEANING UP SPACE DEBRIS

SAVING LIVES SAVING THE PLANET

HELPING SEARCH AND RESCUE TEAMS
FIND THE SAFEST ROUTE

WEATHER FORECASTING

SENDING LONG RANGE SIGNALS

Which object is a 100kg satellite the same size as?

WASHING MACHINE

How much atmosphere will LauncherOne have cleared when it is released from Cosmic Girl?

75%

How quickly will the Hilbert engine get through the equivalent of a car's petrol tank?

10 SECONDS

Why are the University of Exeter using worms as astronauts, what are they trying to achieve? **To understand how humans can be safer in space or other planets by testing drugs**

How does Dr Bob Brewin use satellites for research into climate change? **He measures how phytoplankton are responding to climate change over time**

What is the first planet called in the video?

LKCA15B