

Reaching for the skies

NOUNS

asteroid= any one of the many small planets which go around the sun.

astronaut= a person whose job involves travelling and working in a spacecraft.

atmosphere= the mixture of gases that surrounds the earth.

cosmos= the universe, especially when it is thought of as an ordered system.

crater= a large hole in the ground caused by the explosion of a bomb or by sth large hitting it.

debris= pieces of material that are not wanted and rubbish/ garbage that are left somewhere.

Earth= Earth is the name of our planet and has a capital letter.

exploration= the act of travelling through a place in order to find out about it or look for sth in it.

explorer= a person who travels to unknown places in order to find out more about them.

galaxy= any of the large systems of stars, etc. in outer space.

gas= any substance like air that is neither a solid nor a liquid, for example Hydrogen.

gravity= the force or pull from the Earth.

horizon= the furthest that you can see, where the sky seems to meet the land or the sea.

launch= the action of launching sth.

meteor= a piece of rock from outer space that makes a bright line across the night sky as it burns up while falling through the earth's atmosphere.

moon= the round object that moves around the earth one every 28 days and shines at night by light reflected from the sun.

ocean= the mass of salt water that covers most of the earth's surface.

orbit= a curved path followed by a planet or an object as it moves around another planet, star, moon, etc.

outer= on the outside of sth.

planet= a large round object in space that moves around a star (such as the sun) and receives light from it.

radiation= powerful and very dangerous rays that are sent out from radioactive substances.

rocket= a spacecraft in the shape of a tube that is driven by a stream of gases let out behind it when fuel is burned inside.

satellite= a natural object that moves around a large natural object in space.

simulator= a piece of equipment that artificially creates a particular set of conditions in order to train sb to deal with a situation that they may experience in reality.

solar= connected with the sun .

space= an area or place that is empty.

spacecraft= a vehicle that travels in space.

space shuttle= a spacecraft designed to be used, for example for travelling between the earth and space station.

space station= a large structure that is sent into space and remains above the earth as a base for people working and travelling in space.

surface= the top layer of an area of water or land.

universe= a system of stars, planets, etc. in space outside our own.

weightlessness= having no weight.

ADJECTIVE

commercial= connected with the buying and selling of goods and services.

cosmic= connected with the whole universe.

extreme= very great in degree.

gravitational= connected with or caused by the force of gravity.

horizontal= flat and level; going across and parallel to the ground rather than going up and down.

inevitable= something that is certain to happen.

lunar= connected with the moon.

meteoric= connected with meteors.

outer= on the outside of sth.

solar= connected with the sun.

terrestrial= connected with the planet Earth.

toxic= containing poison.

uninhabitable= not fit to live in.

universal= right at all times and in all places.

unmanned= it does not have or need a person to control or operate it.

VERB

acclimatise= get used to a change in conditions.

colonise= to live or grow in large numbers in a particular area.

explore= to travel to or around an area or a country in order to learn about it.

float= stay up in the air or on water.

orbit= to move in an orbit (= a curved path) around a much larger object.

propel= drive sth forwards.

rotate= to move or turn around a central fixed point.

sustain= to provide enough of what sb/sth needs in order to live or exist.

simulate= to create particular conditions that exist in real life.

undergo= go through an experience.

Vocabulary note



The suffix **-ic** tells us that a word is an adjective. How many objectives in 2.3 end in **-ic**? Other common examples are: economic, scenic, tragic.

Error warning

Earth is the name of our planet and has a capital letter, but the sun does not. We say the **Earth** but not ~~our earth~~; the **Earth** moves around the sun. we must take care of our planet. NOT ~~we must take care of our earth~~.