

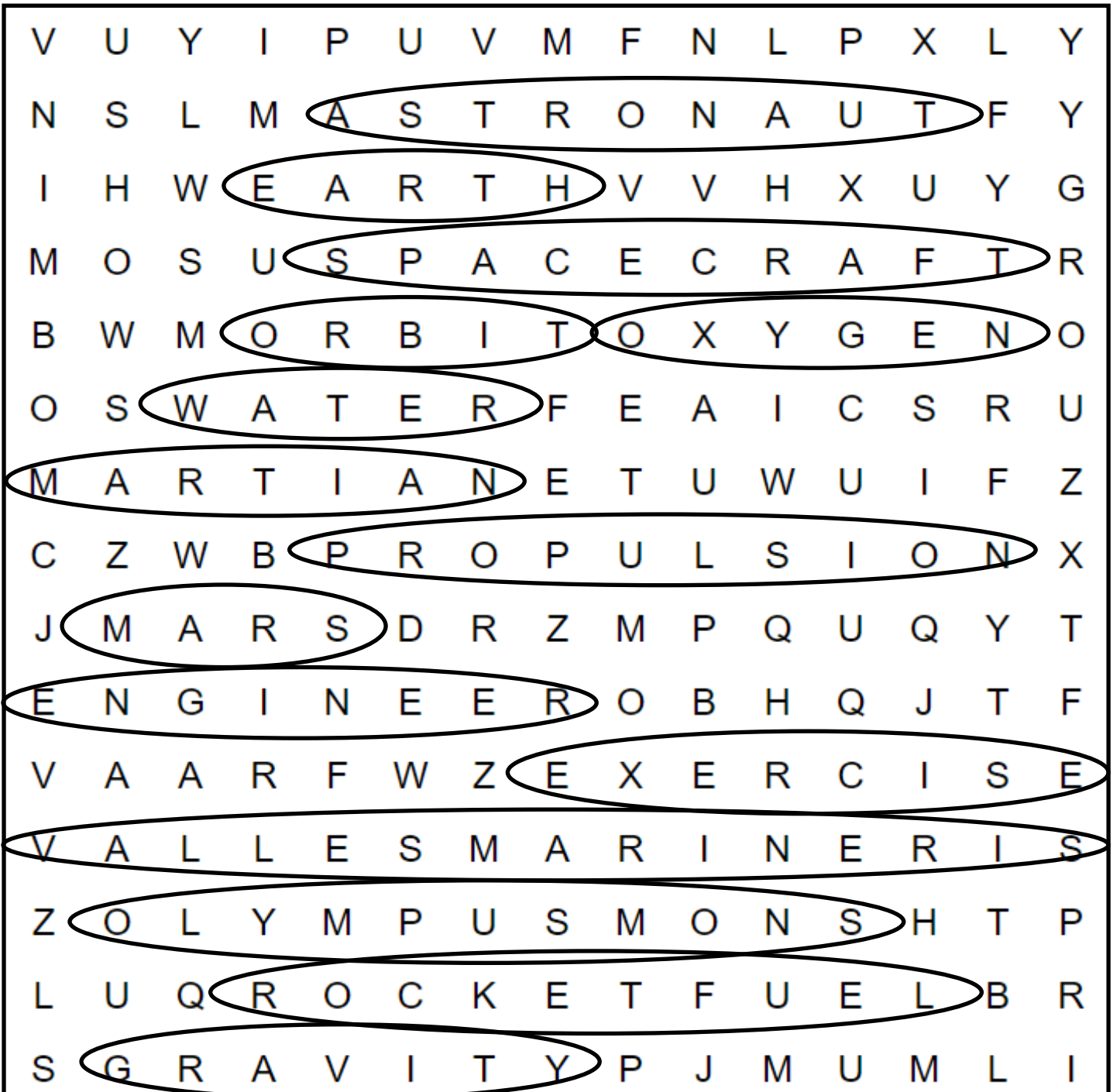
Fill in the Blanks

Congratulations! You've been selected to be the first astronaut to go to Mars! But astronauts have to develop many skills if they want to successfully travel through space. In order to clear you for take-off, read *Hey-Ho, to Mars We'll Go!* and fill in the blanks:

- 1) From Earth, Mars looks like a **RED** dot in the night sky.
- 2) People cannot breathe on Mars because the air is too **THIN**
- 3) An astronaut needs a **HELMET** and an **OXYGEN** tank to breathe outside of a spaceship.
- 4) It currently takes **SIX** months to get from Earth to Mars.
- 5) Astronauts and their supplies don't feel the effect of **GRAVITY** so everything floats.
- 6) On Mars there's a canyon called **VALLES MARINERIS** that is five times deeper than the Grand Canyon.
- 7) It's easier to launch a large spaceship from **ORBIT** than from Earth.
- 8) In addition to him- or herself, an astronaut also needs **FOOD, WATER, SUPPLIES** and **A SPACESHIP** to travel to Mars.
- 9) To move between two spacecrafts, the two ships **LOCK** together and special doors called **HATCHES** open.
- 10) The bigger and heavier the rocket, the more **POWER** you need to launch it.
- 11) When it's time to go to bed, astronauts strap themselves into **SLEEPING BAGS**
- 12) Astronauts grow fresh **VEGGIES** using containers and special lamps that mimic **SUNLIGHT**
- 13) Without gravity, the **BONES** and **MUSCLES** in a person's body grows weak, so astronauts must **EXERCISE** every day.
- 14) Astronauts will take a smaller spacecraft called a **LANDER** down to the surface of Mars.
- 15) In order to shower, an astronaut has to carry small pouches filled with **SOAP** and **WATER**
- 16) Engineers are trying to halve travel time to Mars by developing new **PROPULSION** systems.
- 17) On Mars there is a volcano called **OLYMPUS MONS** which is three times taller than the tallest mountain on Earth.
- 18) The gravity of Mars is **WEAKER** than that of Earth.
- 19) Astronauts often build a **BASE** with doors that keeps breathable air inside.
- 20) There will be lots to see when you get to Mars, but don't rush: you'll have as long as **TWO** years to explore.

Word Search

It takes a long time to get to Mars, so you better go prepared! Here's a word search for you to keep you occupied on your long journey.



ASTRONAUT
EARTH
ENGINEER
EXERCISE
GRAVITY

MARS
MARTIAN
OLYMPUS MONS
ORBIT
OXYGEN

PROPULSION
ROCKET FUEL
SPACECRAFT
VALLES MARINERIS
WATER