

## Grade 5-6 – Space

- 1- Work with synonyms and word order by doing this video lesson called “Laika and Rover”:  
<https://en.islcollective.com/video-lessons/cgi-short-laika-and-rover>
- 2- Practice some reading comprehension with the text « Rocks From Space ».
- 3- Listen to the song « Space Oddity » by David Bowie and fill in the blanks :  
(<https://www.youtube.com/watch?v=iYYRH4apXDo>).
- 4- Choose **one** of these topics and write a short text about it :
  - Do you think we will ever communicate with intelligent aliens? When and how will this happen?
  - Should we try to discover other planets and lifeforms? Why or why not?
  - When do you think people will visit Mars? What do you think they will find there?
  - What is your favourite sci-fi movie or TV show? Tell me what it is about.
  - Would it be a good idea to build a permanent base on the moon? Why or why not?

You can send me your text at [melanie.custeau2@csmb.qc.ca](mailto:melanie.custeau2@csmb.qc.ca) .

Have a nice week!

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Rocks From Space

Some rocks are not from Earth at all, but from way out in space. Large space rocks that orbit around the Sun are called asteroids. Smaller rocks that orbit around the Sun are called meteoroids. If an asteroid or meteoroid travels through the Earth's atmosphere and lands on Earth's surface it is called a meteorite. When they land they can create large hollow areas in the ground called craters.

Meteorites land on Earth all the time. Did you know around 500 meteorites bigger than footballs hit Earth each year? The good thing is most of them fall into the ocean. Smaller ones the size of pebbles tend to fall on land.

Minerals are natural occurring solids (that means people did not make them). They are also inorganic, which means they do not come from plants or animals. Minerals can be found cemented together inside rocks. The internal structure of a mineral follows a well organised pattern. Common examples of minerals are quartz and diamond, they have very perfect patterns.

If a rock has metal inside it is called an ore. The metal can be in flakes or contained in the minerals of the rocks. If an ore is heated the metal will pour out as a liquid, and if left to cool will harden. Examples of metals found in rocks are gold, silver, aluminium, iron and copper. Gold and silver are used to make jewellery, aluminium to make cans and foil, iron can be used to make saucepans and copper is used in electrical wires. We use metals every day.

### Questions

1. True or false: *Minerals come from plants and animals.* \_\_\_\_\_
2. Quartz and diamond are examples of \_\_\_\_\_.
3. What is a rock that has metal inside it called? \_\_\_\_\_
4. True or false: *If an ore is heated the metal will pour out as a liquid.* \_\_\_\_\_
5. Which metal is used in electrical wires? \_\_\_\_\_
6. What are large rocks that orbit the Sun called? \_\_\_\_\_
7. If meteoroids reach the Earth's surface, what are they called? \_\_\_\_\_
8. What is the outer layer of the Earth called? \_\_\_\_\_
9. True or false: *Volcanoes can be found in the seas and oceans.* \_\_\_\_\_

## Space Oddity by David Bowie

Ground Control to Major Tom.

Ground Control to Major Tom.

Take your \_\_\_\_\_ pills and put your \_\_\_\_\_ on.

Ground Control to Major Tom.

\_\_\_\_\_ countdown, engines on.

Check \_\_\_\_\_ and may God's love be with you.

*[spoken]*

Ten, Nine, Eight, Seven, Six, Five, Four, Three, Two, One, Liftoff

This is Ground Control to Major Tom.

You've really \_\_\_\_\_.

And the papers want to know whose shirts you wear.

Now it's time to leave the capsule if you \_\_\_\_\_.

This is Major Tom to Ground Control.

I'm \_\_\_\_\_ through the door.

And I'm floating in a most \_\_\_\_\_ way.

And the stars look very different today.

For here am I sitting in a tin can.

Far above the world.

\_\_\_\_\_ Earth is blue.

And there's nothing I can do.

Though I'm past one hundred thousand \_\_\_\_\_, I'm feeling very \_\_\_\_\_.

And I think my \_\_\_\_\_ knows which way to go.

Tell my wife I love her very much, she knows.

Ground Control to Major Tom.

Your \_\_\_\_\_ dead, there's something wrong.

Can you hear me, Major Tom?

Can you hear me, Major Tom?

Can you hear me, Major Tom? Can you....

Here am I floating

`round my \_\_\_\_\_ can

Far above the \_\_\_\_\_.

Planet Earth is blue.

And there's nothing I can do.

protein	helmet	commence
ignition	make the grade	dare
peculiar	step	planet
mile	still	spaceship
circuit	tin	moon
oddity	space	lyrics

## Space Oddity by David Bowie

Ground Control to Major Tom.  
Ground Control to Major Tom.  
Take your protein pills and put your helmet on.

Ground Control to Major Tom.  
Commencing countdown, engines on.  
Check ignition and may God's love be with you.

*[spoken]*

Ten, Nine, Eight, Seven, Six, Five, Four, Three, Two, One, Liftoff

This is Ground Control to Major Tom.  
You've really made the grade.  
And the papers want to know whose shirts you wear.  
Now it's time to leave the capsule if you dare.

This is Major Tom to Ground Control.  
I'm stepping through the door.  
And I'm floating in a most peculiar way.  
And the stars look very different today.

For here am I sitting in a tin can.  
Far above the world.  
Planet Earth is blue.  
And there's nothing I can do.

Though I'm past one hundred thousand miles, I'm feeling very still.  
And I think my spaceship knows which way to go.  
Tell my wife I love her very much, she knows.

Ground Control to Major Tom.  
Your circuit's dead, there's something wrong.  
Can you hear me, Major Tom?  
Can you hear me, Major Tom?  
Can you hear me, Major Tom? Can you....

Here am I floating  
'round my tin can  
Far above the moon.  
Planet Earth is blue.  
And there's nothing I can do.