

*This week we'd like you to use our Extreme Earth as inspiration for your writing. You could write a story set on our planet or another. Describe how your characters survive a terrible natural disaster. Create a vivid picture in your reader's imagination of the sights and sounds of the event. Make your reader worry for the characters involved – will they survive? Over the next few pages are some reading and vocabulary cards and activities to help inspire your writing. When you're finished why not take a picture and set it via Class Dojo to your teacher.*





# Extreme Earth

## Fact Cards



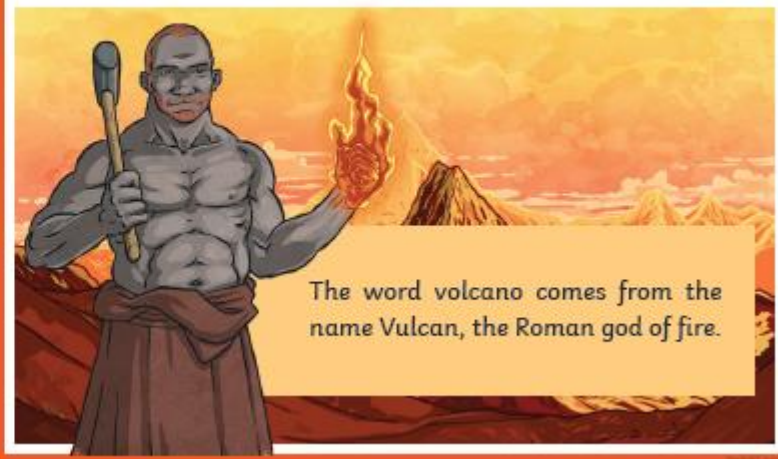
Extreme Earth



Extreme Earth



Extreme Earth

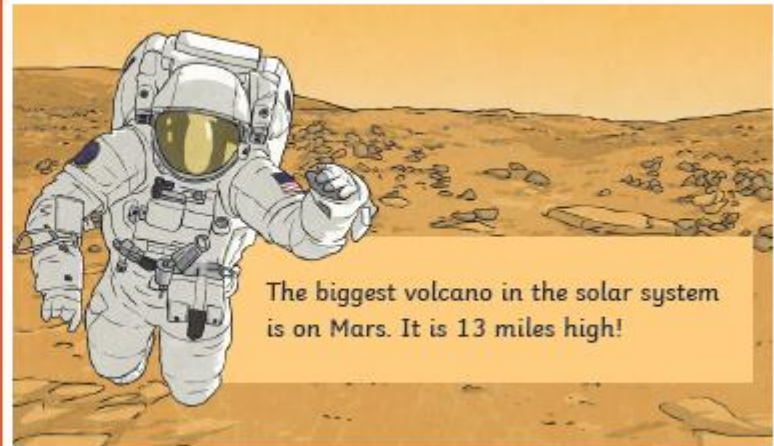


Extreme Earth



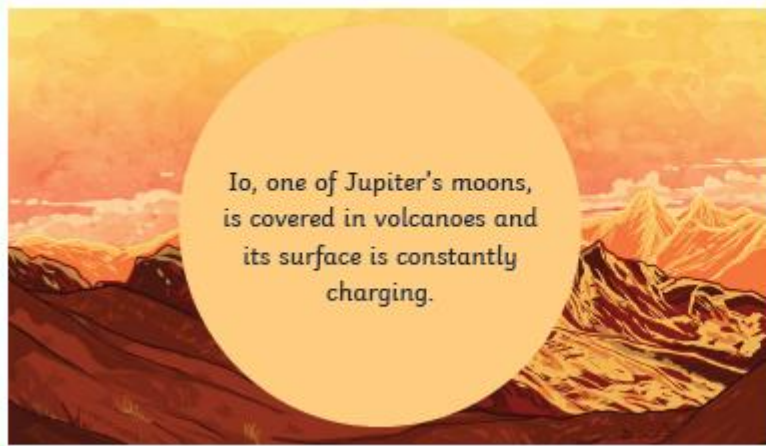
There is a volcano in Italy  
which has been constantly  
erupting for over  
**2000 years**

Extreme Earth



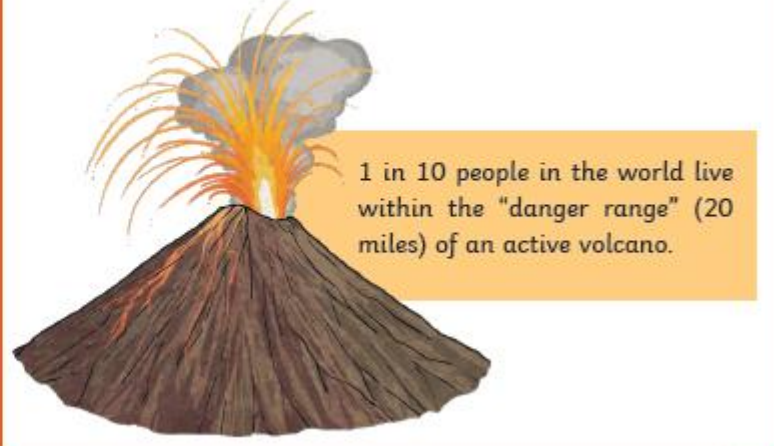
The biggest volcano in the solar system  
is on Mars. It is 13 miles high!

Extreme Earth



Io, one of Jupiter's moons,  
is covered in volcanoes and  
its surface is constantly  
changing.

Extreme Earth



1 in 10 people in the world live  
within the "danger range" (20  
miles) of an active volcano.

### Extreme Earth

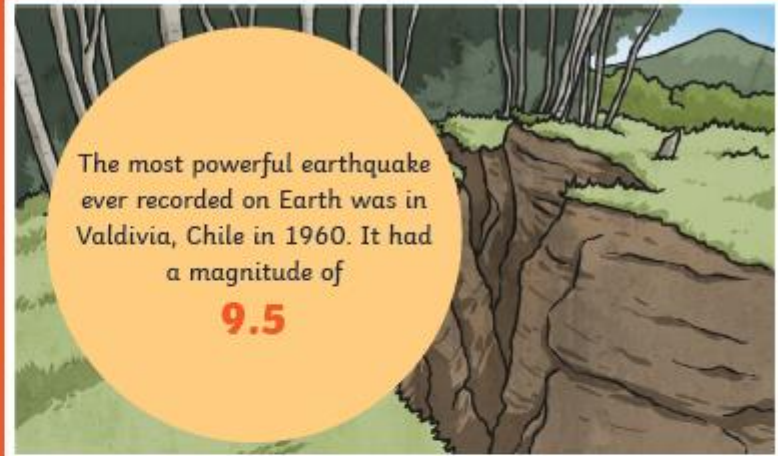
The sound of a volcano eruption can be quiet and hissing or explosive and booming. The loud cracks travel hundreds of miles and do the most damage, including hearing loss and broken glass.



### Extreme Earth

The most powerful earthquake ever recorded on Earth was in Valdivia, Chile in 1960. It had a magnitude of

**9.5**



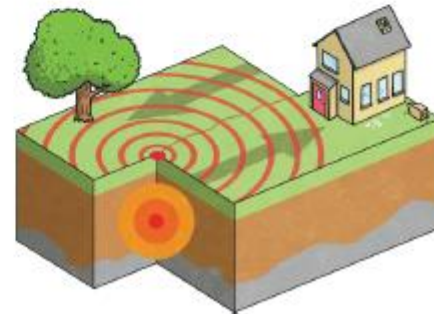
### Extreme Earth

The average earthquake lasts around a minute.



### Extreme Earth

The "focus" is the earthquake's initial point of rupture. Its "epicentre" is the point at ground level above the focus.

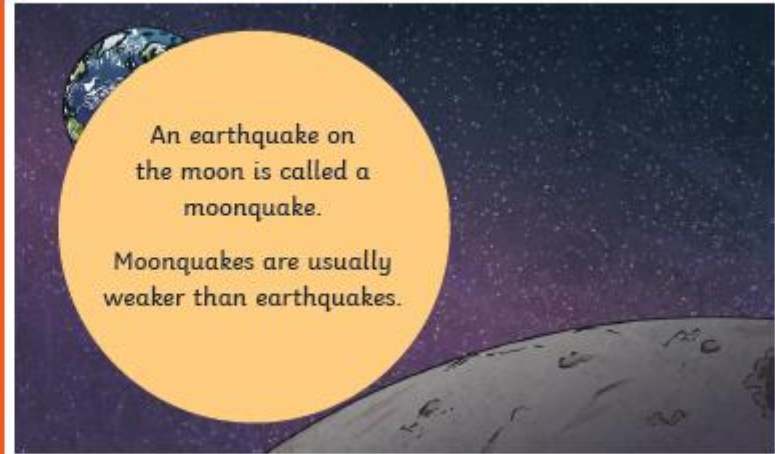


Extreme Earth



More earthquakes happen in the northern hemisphere than the southern hemisphere.

Extreme Earth



An earthquake on the moon is called a moonquake.  
Moonquakes are usually weaker than earthquakes.

Extreme Earth

A tsunami can travel at up to 600mph.  
That's faster than a jet plane!

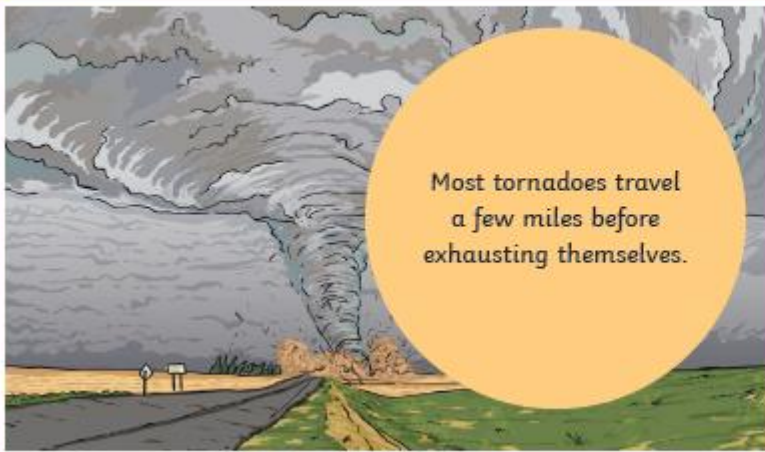


Extreme Earth

A tornado can occur at any time, but most often between 3pm and 5pm.



Extreme Earth



Most tornadoes travel a few miles before exhausting themselves.

Extreme Earth



A tornado that occurs over water is often called a waterspout.

Extreme Earth

Damage paths of tornadoes can be over a mile wide and 50 miles long.



Extreme Earth



In Hindu mythology, Earth is held in place by eight gigantic elephants, all balanced on the back of a turtle, which itself stands on the coils of a snake. If any of these animals shift or move, an earthquake occurs.

tornado



blizzard



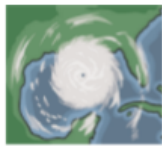
flood



avalanche



hurricane



drought



droughts



heat wave



monsoon



wildfire



severe  
thunderstorm



hail



ice storm



gale



heat burst



lightning





## Adverbs

Adverbs tell us more about how, when or where something is done.

How? He ran swiftly.

When? She is going to the beach today.

Where? We looked everywhere.



Adverbs can describe the difference between two actions.

late + er = later

He arrived late. He arrived later.



These are comparative adverbs.

Adverbs can describe the difference between more than two actions.

He arrived late.

He arrived later.

He arrived the latest.



These are superlative adverbs.

## Focus

Say the **adverbs** in these sentences.

- 1 The girl sang the loudest of all.
- 2 A tortoise moves slower than a hare.
- 3 I go to bed earlier during the week.
- 4 The red car travelled the fastest.
- 5 I'm working very hard.



## Practice

Copy and complete the **adverb** table.

Adverb	Comparative	Superlative
hard		
fast		
late		
high		
slow		
loud		
near		

## Extension

Can you remember that some **adverbs** do not follow the rules?

Adverb	Comparative	Superlative
well	better	best
badly	worse	worst
little	less	least
much	more	most
far	further	furthest

Complete the sentences with the correct **adverb**.

- 1 He ran [far/further/furthest] than his friend.
- 2 You are looking [badly/worse/worst] today than you did yesterday.
- 3 I play football [well/better/best] than my brother.
- 4 Sam sings the [well/better/best] in his class.
- 5 She had collected the [much/more/most] game cards.



## UNIT 12 Adverbs

An adverb tells us more about **how**, **when** or **where** the action of a verb takes place.

How? The lightning flashed **brightly**.

When? The thunder came **later**.

Where? The rain fell **here**.



We can use **comparative** and **superlative adverbs** to compare actions, just as we use adjectives to compare nouns.

We usually add **er** and **est** to adverbs that do not end in **ly**.

Adverb	Comparative	Superlative
hard	harder	hardest
high	higher	highest

We use **more** and **most** for adverbs ending in **ly**.

Adverb	Comparative	Superlative
quickly	more quickly	most quickly
clearly	more clearly	most clearly
loudly	more loudly	most loudly

### Focus

What are the **comparatives** and **superlatives** of these adverbs?

- |             |           |             |
|-------------|-----------|-------------|
| 1 easily    | 2 happily | 3 patiently |
| 4 seriously | 5 late    | 6 widely    |
| 7 heavily   | 8 soon    | 9 neatly    |

### Practice

**A** Copy the sentences, changing the coloured adverbs into **comparatives**.

- If it snows, walking will be **hard**.
- The donkeys trotted **quickly** when it began to rain.
- He swam **strongly** after he had had a rest.



**B** Copy the sentences, changing the coloured adverbs into **superlatives**.

- Ben tried **hard** and won the race.
- The last choir sang **tunefully**.
- You scored **high** in the test.



### Extension

**A** Replace each pair of coloured words with a **single adverb**.

- The nurse helped with **calmness**.  
The nurse helped **calmly**.
- Sam dribbled the ball with **care**.
- Lisa answered the question with **truth**.
- The cyclist rode with **speed** to win the race.

The first one has been done for you.



**B** Use these **comparative** and **superlative** adverbs in sentences of your own.

- |                    |          |                |
|--------------------|----------|----------------|
| 1 more dishonestly | 2 widest | 3 most clearly |
|--------------------|----------|----------------|



