

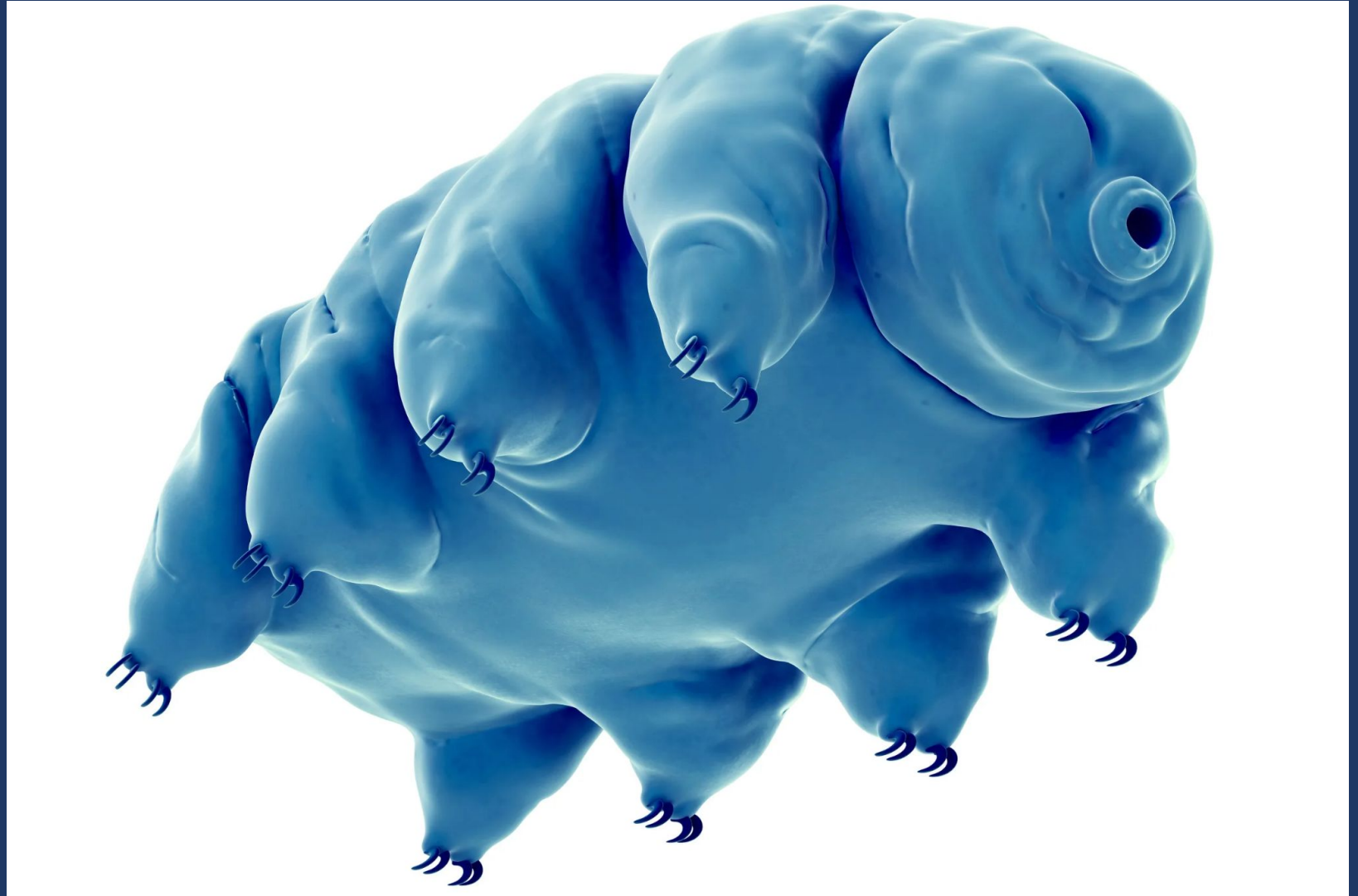
A yellow speech bubble graphic with a tail pointing towards the bottom-left, set against a dark blue background.

Word of the Week

Word of the Week

Do you know
what this is?

What could our
WOW be?



Word of the Week

Extremophile

(noun)

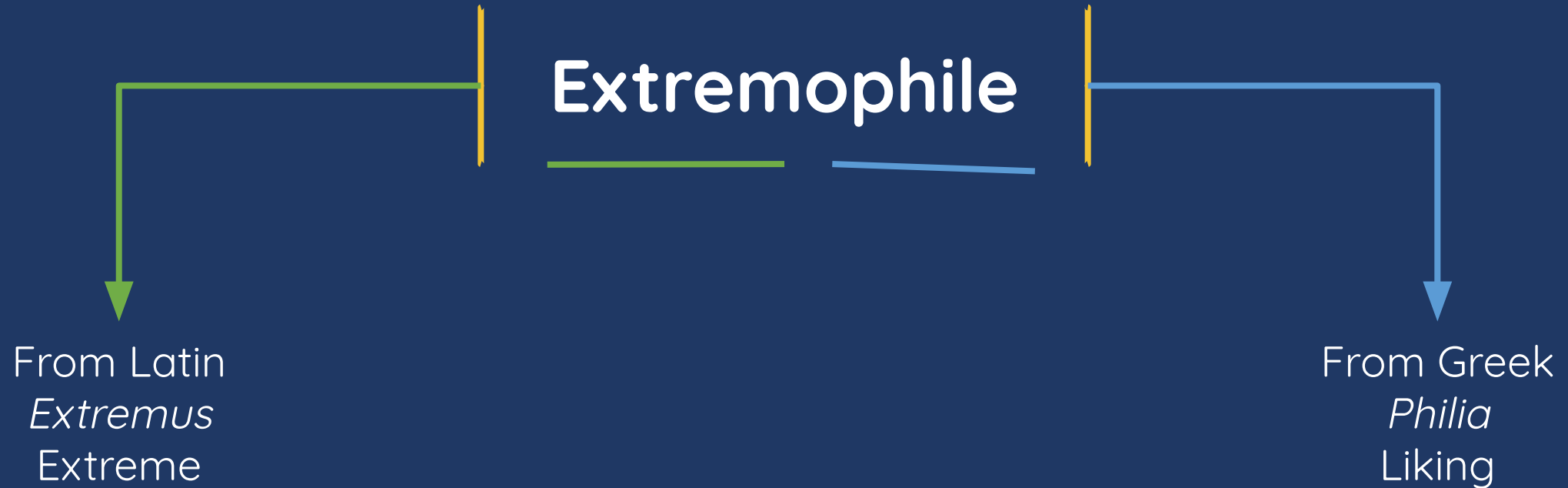
Are you familiar with this word?

What does it mean?

Can you use it in a sentence?

Word of the Week

Let's see if we can work out what it means from looking at its etymology.



So what does **extremophile** mean?

“Extreme liking”

Word of the Week

Extremophile (noun)

Definition

An organism that lives under extreme environmental conditions

Word of the Week

Extremophile (noun)

An organism that lives under extreme environmental conditions.

Examples

“Pompeii worms are an animal **extremophile** that live near volcanic vents on the ocean floor, surviving extreme heat and pressure.”

“Scientists study the various **extremophiles** found in Yellowstone National Park’s hot springs to understand how life adapts to extreme heat and acidity.”

Can you come up with your own?

Word of the Week

Extremophile (noun)

An organism that lives under extreme environmental conditions.

Synonyms

Halophile

Acidophile

Alkaliphile

Thermophile

Psychrophile

Antonyms

Mesophile

Look out for these words during the task on the last slide

Word of the Week

An organ

Task

Add **extremophile** to your word of the week record sheet (page 18 of your planner).

Word of the Week

Record (verb)
To set down in writing for later reference.

“Use this page to **record** each Word of the Week”

Week	Word
1	Inaugural
2	Extremophile
3	
4	
5	
6	
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11	
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13	

Week	Word
21	
22	
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Word of the Week

Extremophile (noun)

An organism that lives under extreme environmental conditions.

Challenge

Watch the National Geographic video that introduces some different extremophiles.

Discuss with your partner:
How many different extreme conditions are mentioned?

