



Escape Room EDU Teacher Instructions



Print out question cards and decoder cards for each level
***Important Note:* The final level (Level 5) comes in two versions (Normal or Hard). Use either one, both end with the same code. The digital escape room uses the normal difficulty only.**



Make copies of the recording sheet for each student or group



Print answer key to check student answers

Digital Escape Room



Digital Escape room: <http://bit.ly/2IZ4Q1z>



Students will receive a completion code when they have successfully broken out





Escape Room EDU

How to Use



Escape Room for Teams:

Version 1: Place each level at different stations – Requires each team to cycle at predetermined times

Version 2: Place all levels at each station – Requires students to remain at one station



Escape Room for Individual Students:

Place levels around the room for students to answer. Students receive the completion code from teacher when all 5 levels are completed



Optional:

Hide the cards throughout the room to make the game extra challenging

Use physical boxes and locks to make the game feel more “real”





Escape Room EDU FAQ



My school's internet does not allow me to use shortened links.

Long Link:

<https://docs.google.com/forms/d/e/1FAIpQLScBHm8YrSDsXGk3fyCKybNummDh2AJs5OJ6dz-UebsxBfWjZg/viewform>



How can I see what they did based off the Google form?

Answer: You can't. Students must input the correct answer to move on. The completion code is used to know when they have completed it.



How long does this take to complete?

Answer: Usually about 45 minutes, sometimes up to an hour, which can be broken into two class periods



Are electronic devices needed to complete this activity?

Answer: No, this can be done without a device



Does this require Google Classroom?

Answer: No, just access to the internet



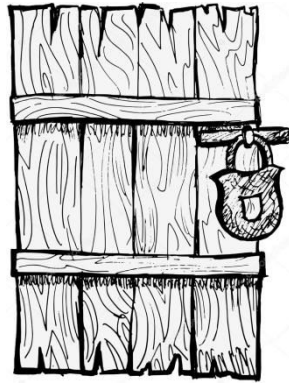
How long does this take to set up?

Answer: Hardly any time at all; just print the Question cards, Level cards and recording sheet, the Google form is already ready to use



ESCAPE ROOM EDU

CLASSIFICATION AND TAXONOMY



Digital Link: <http://bit.ly/2lZ4Q1z>

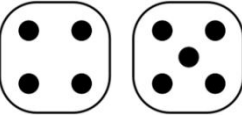



Mission Objective

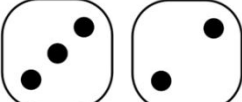
After crash landing on an alien planet, you have been imprisoned by an intelligent race of beings called Kanamits because they have misclassified you as a different animal. You must use your knowledge of classification and taxonomy to convince the Kanamits to let you go. Answer the questions at each level and be sure to record each answer. Once all four questions have been answered, use the decoder to progress to the next level. You must hurry and escape before the Kanamits imprison you forever!

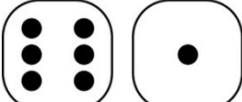


Level 1

A = 

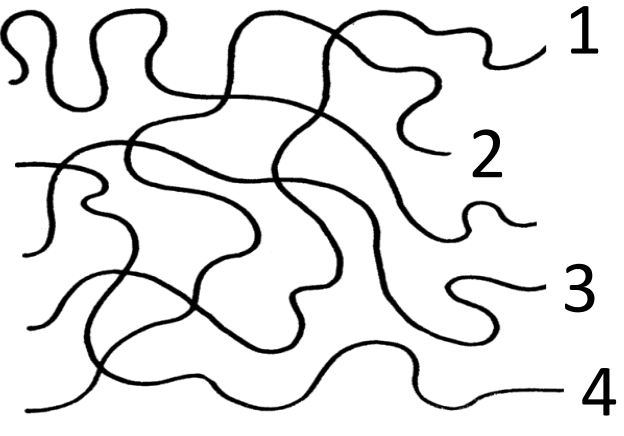
B = 

C = 

D = 



Level 2



A

B

C

D

1

2

3

4

Level 3





















$$\boxed{A} + 9 = 15$$

$$1 + \boxed{B} = 7$$

$$\boxed{C} + 8 = 16$$

$$3 + \boxed{D} = 10$$

Level 4

	A	B	C	D		
Q1						= 6
Q2						= 1
Q3						= 8
Q4						= 4

Level 5

2	+	1	=	A
+		+		+
3	+	C	=	5
=		=		=
D	+	3	=	B

Level 5: Hard

$$\text{smiley face} + \text{smiley face} = 10$$

$$\text{smiley face} + \text{sun} = 8$$

$$\text{sun} + \text{moon} = 5$$

$$\text{moon} + \text{pentagon} = 10$$

$$A = \text{sun}$$

$$B = \text{pentagon}$$

$$C = \text{moon}$$

$$D = \text{smiley face}$$



Level 1

Q1

Which of the following is not a kingdom of life?

- A. Mammalia
- B. Animalia
- C. Eubacteria
- D. Fungi



Level 1

Q2

To which kingdom does a snowy owl belong?

- A. Plantae
- B. Protista
- C. Animalia
- D. Fungi



Level 1

Q3

Who came up with the classification system still in use today?

- A. Aristotle
- B. Linneaus
- C. Plato
- D. Darwin



Level 1

Q4

About how many species exist on Earth?

- A. 9,000
- B. 90,000
- C. 900,000
- D. 9,000,000



Level 2

Q1

To which kingdom does E. coli belong?



- A. Fungi
- B. Protista
- C. Archaeobacteria
- D. Eubacteria



Level 2

Q2

Which of the following pairs are not considered the same species?

- A. Greyhound and dalmation
- B. Horse and donkey
- C. Horse and pony
- D. Siamese cat and Persian cat



Level 2

Q3

What language are scientific names written in?

Example: Human = Homo sapien

- A. Latin
- B. Greek
- C. Arabic
- D. Italian

“NON SCHOLAE SED
VITAE DISCIMUS”

WE LEARN NOT FOR
SCHOOL BUT FOR LIFE



Level 2

Q4

What kingdom has the most organisms on Earth?

- A. Plantae
- B. Protista
- C. Animalia
- D. Eubacteria



Level 3

Q1

The scientific name for humans is Homo sapien. What two levels of classification is used in a scientific name?

- A. Family and species
- B. Genus and species
- C. Phylum and order
- D. Class and family



Level 3

Q2

To which kingdom does a mushroom belong?



- A. Plantae
- B. Protista
- C. Fungi
- D. Eubacteria



Level 3

Q3

Animals with backbones are known as chordates. What level of classification is Chordata?

- A. Phylum
- B. Genus
- C. Order
- D. Class



Level 3

Q4

Which level of classification contains the largest number of organisms?

- A. Family
- B. Order
- C. Class
- D. Phylum



Level 4

Q1

To which kingdom does bread mold belong?



- A. Plantae
- B. Protista
- C. Fungi
- D. Eubacteria



Level 4

Q2

You have two black beetles: *Eleodes carbonarius* and *Eleodes armata*. What level of classification do they both belong?



- A. Genus
- B. Family
- C. Order
- D. All of the above



Level 4

Q3

To which kingdom does a paramecium belong?



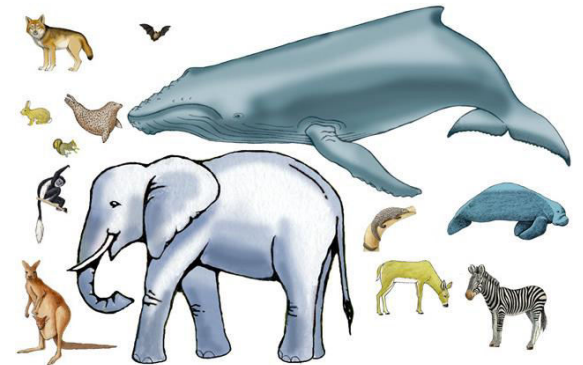
- A. Plantae
- B. Protista
- C. Fungi
- D. Eubacteria



Level 4

Q4

Humans are mammals. What level of classification is Mammalia?



- A. Class
- B. Genus
- C. Phylum
- D. Order



Level 5

Q1

What kingdom contains only autotrophs?

- A. Protista
- B. Plantae
- C. Fungi
- D. Eubacteria



Level 5

Q2

Many thermophiles, organisms that live in very high temperatures such as hot springs, belong to which kingdom?

- A. Archaeobacteria
- B. Protista
- C. Fungi
- D. Eubacteria



Level 5

Q3

To which kingdom does moss belong?

- A. Fungi
- B. Protista
- C. Eubacteria
- D. Plantae



Level 5

Q4

What characteristic does not define a species?

- A. Ability to interbreed
- B. Ability to produce fertile offspring
- C. Ability to reproduce asexually
- D. None of the above



Make Your Escape!

Classification and Taxonomy

Name _____

Digital Link: bit.ly/2lZ4Q1z

Level 1

Codes
Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

Level 2

Codes
Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

Level 3

Codes
Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

Level 4

Codes
Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

Level 5

Codes
Answers

Q1	Q2	Q3	Q4
Digit 1	Digit 2	Digit 3	Digit 4

Congratulations!
Enter the completion code
to make your escape!

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Key: Classification and Taxonomy

Level 1

Codes Answers

A Q1	C Q2	B Q3	D Q4
9 Digit 1	5 Digit 2	2 Digit 3	7 Digit 4

Level 2

Codes Answers

D Q1	B Q2	A Q3	C Q4
2 Digit 1	3 Digit 2	4 Digit 3	1 Digit 4

Level 3

Codes Answers

B Q1	C Q2	A Q3	D Q4
6 Digit 1	8 Digit 2	6 Digit 3	7 Digit 4

Level 4

Codes Answers

C Q1	D Q2	B Q3	A Q4
8 Digit 1	4 Digit 2	1 Digit 3	6 Digit 4

Level 5

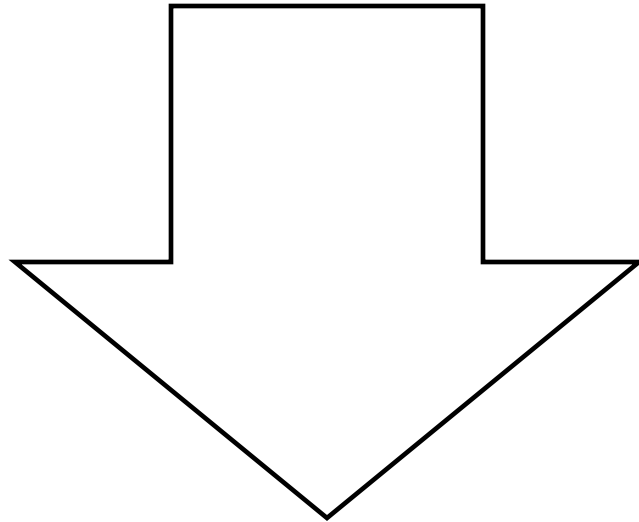
Codes Answers

B Q1	A Q2	D Q3	C Q4
8 Digit 1	3 Digit 2	5 Digit 3	2 Digit 4

Congratulations!
Enter the completion code
to make your escape!

5 0 7 3

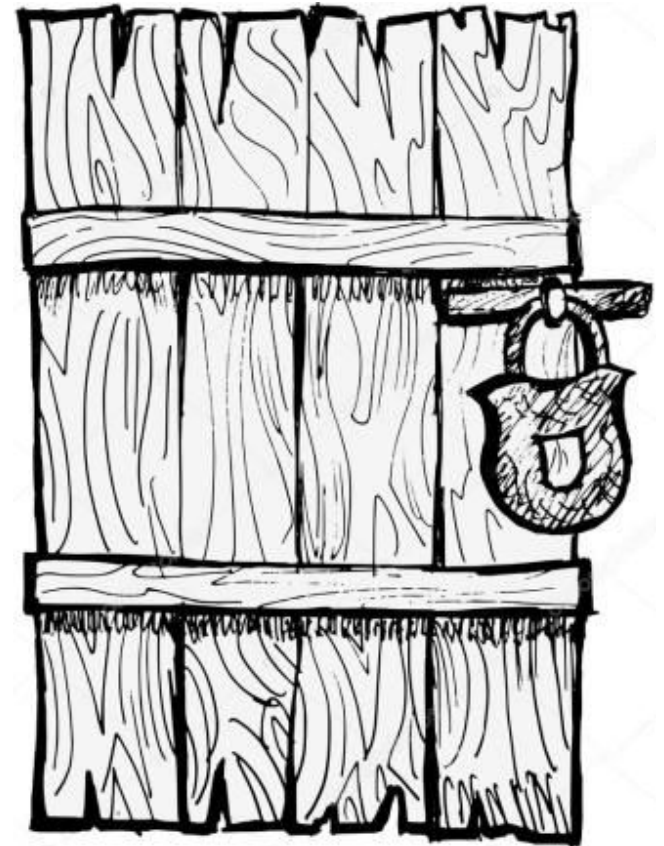
Large Cards





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Level 1

Q2

To which kingdom does a snowy owl belong?

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Level 1

Q3

Who came up with the classification system still in use today?

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Level 1

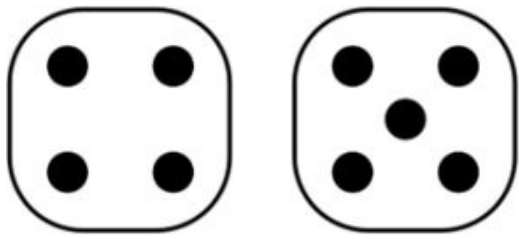
Q4


About how many species exist on Earth?

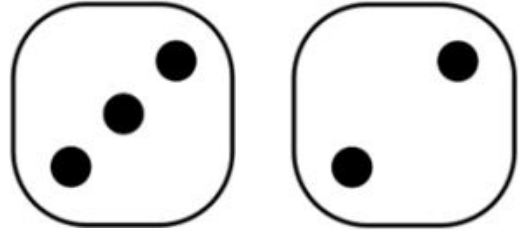
- A. 9,000
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- D. 9,000,000

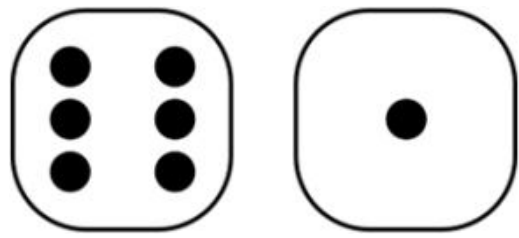


Level 1

A = 

B = 

C = 

D = 



Level 2

Q1

To which kingdom does E. coli belong?



- A. Fungi
- B. Protista
- C. Archaeobacteria
- D. Eubacteria



Level 2

Q2

Which of the following pairs are not considered the same species?

- A. Greyhound and dalmation
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Level 2

Q3

What language are scientific names written in?
Example: Human = Homo sapien

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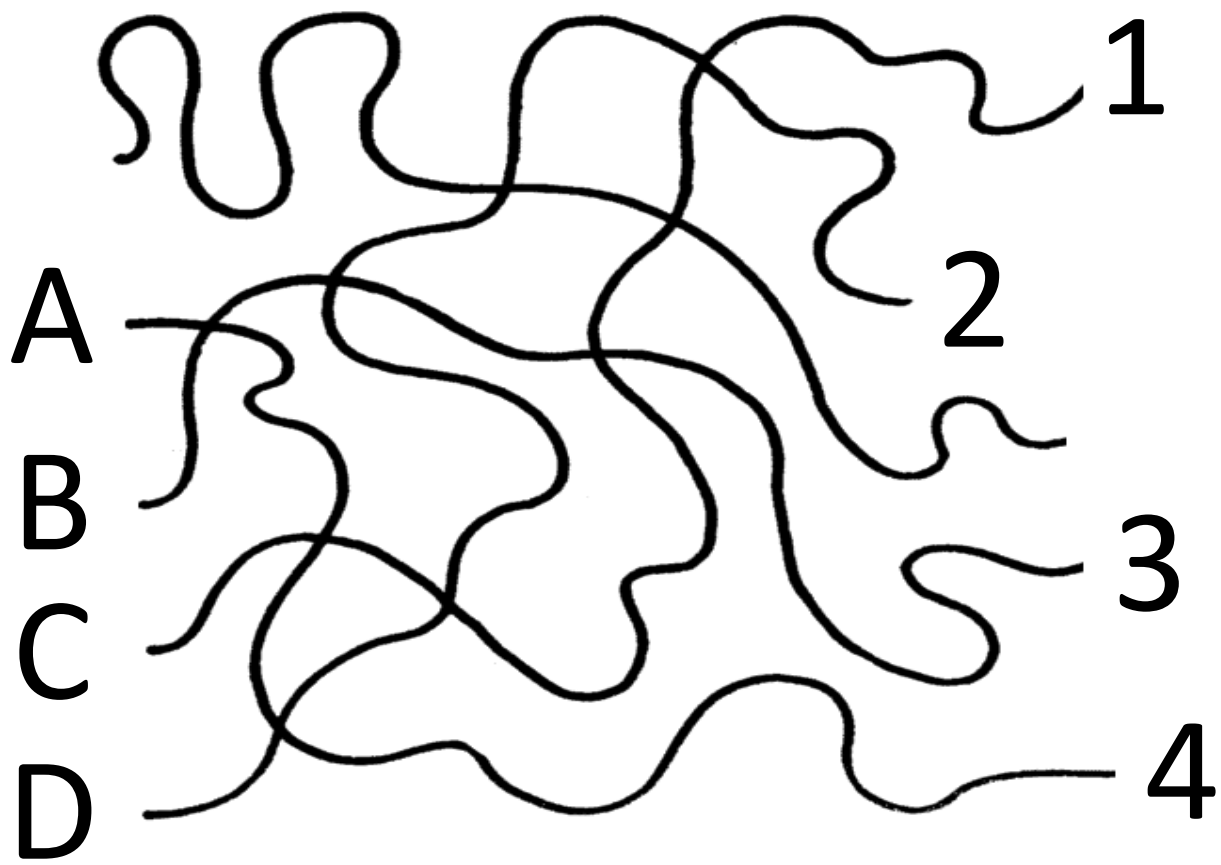
Level 2

Q4

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- B. Protista
- C. Animalia
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Level 2





Level 3

Q1

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- B. Genus and species
- C. Phylum and order
- D. Class and family



Level 3

Q2

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- B. Protista
- C. Fungi
- D. Eubacteria



Level 3

Q3

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What level of classification is Chordata?



- A. Phylum
- B. Genus
- C. Order
- D. Class



Level 3

Q4

Which level of classification contains the largest number of organisms?

- A. Family
- B. Order
- C. Class
- D. Phylum



Level 3

$$\boxed{A} + 9 = 15$$

$$1 + \boxed{B} = 7$$

$$\boxed{C} + 8 = 16$$

$$3 + \boxed{D} = 10$$



Level 4

Q1

To which kingdom does bread mold belong?

- A. Plantae
- B. Protista
- C. Fungi
- D. Eubacteria





Level 4

Q2

You have two black beetles: *Eleodes carbonarius* and *Eleodes armata*. What level of classification do they both belong to?

- A. Genus
- B. Family
- C. Order
- D. All of the above





Level 4

Q3

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- B. Protista
- C. Fungi
- D. Eubacteria



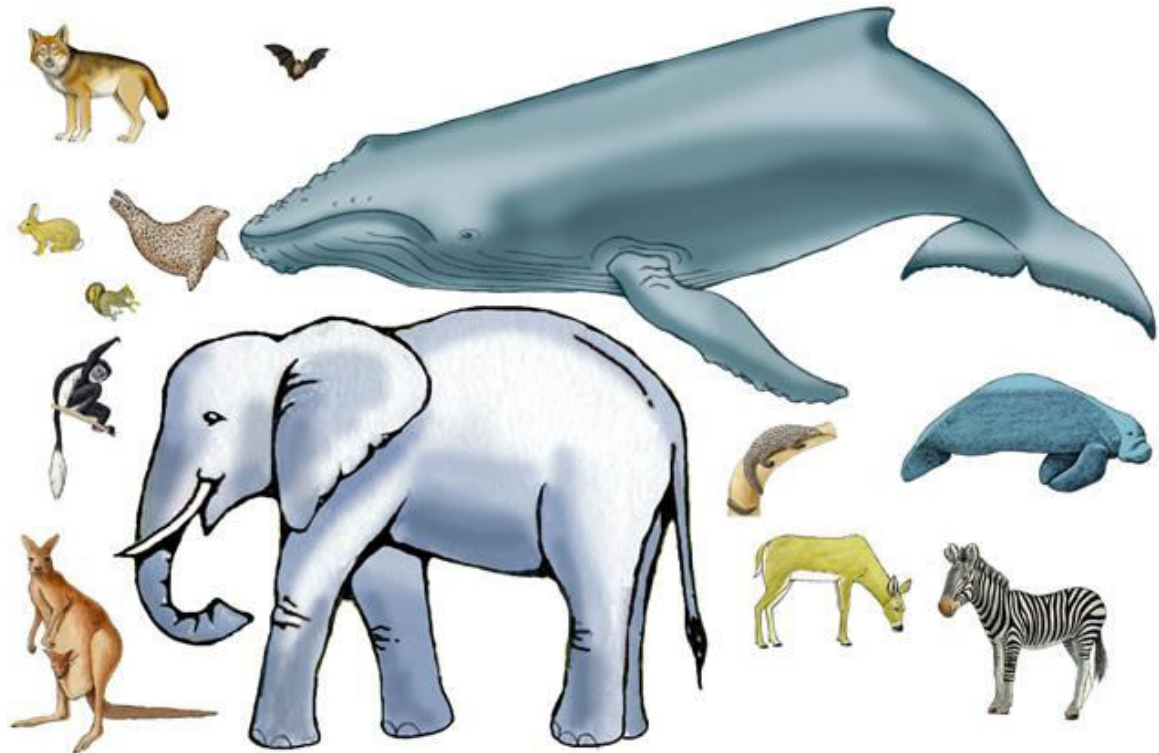


Level 4

Q4

Humans are mammals. What level of classification is Mammalia?





















- A. Class
- B. Genus
- C. Phylum
- D. Order





Level 4

A B C D

Q1					 = 6
Q2					 = 1
Q3					 = 8
Q4					 = 4



Level 5

Q1

What kingdom contains only autotrophs?

- A. Protista
- B. Plantae
- C. Fungi
- D. Eubacteria

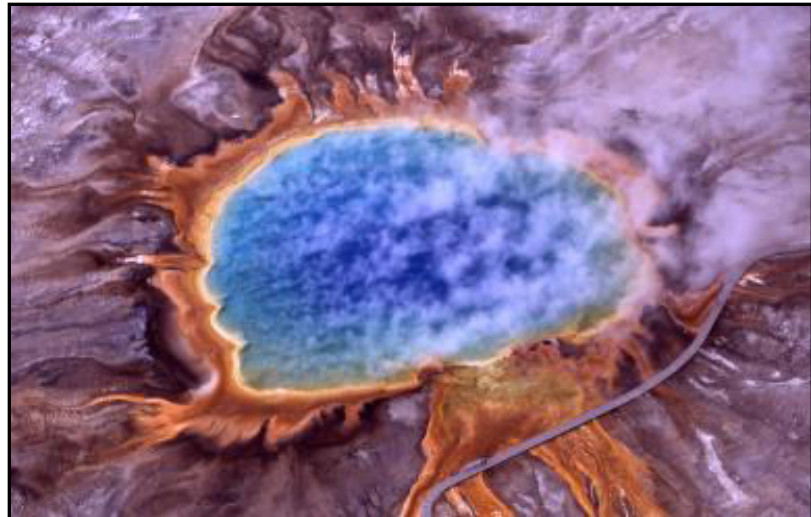


Level 5

Q2

Many thermophiles, organisms that live in very high temperatures such as hot springs, belong to which kingdom?

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- B. Protista
- C. Fungi
- D. Eubacteria





Level 5

Q3

To which kingdom does moss belong?

- A. Fungi
- B. Protista
- C. Eubacteria
- D. Plantae





Level 5

Q4

What characteristic does not define a species?

- A. Ability to interbreed
- B. Ability to produce fertile offspring
- C. Ability to reproduce asexually
- D. None of the above



Level 5

2	+	1	=	A
+		+		+
3	+	C	=	5
=		=		=
D	+	3	=	B



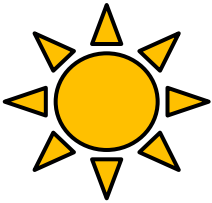
Level 5: Hard

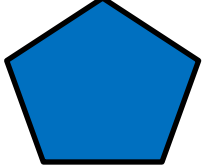
$$\text{Smiley Face} + \text{Smiley Face} = 10$$

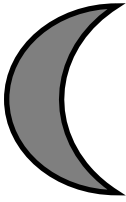
$$\text{Smiley Face} + \text{Sun} = 8$$

$$\text{Sun} + \text{Crescent Moon} = 5$$

$$\text{Crescent Moon} + \text{Blue Pentagon} = 10$$

A = 

B = 

C = 

D = 