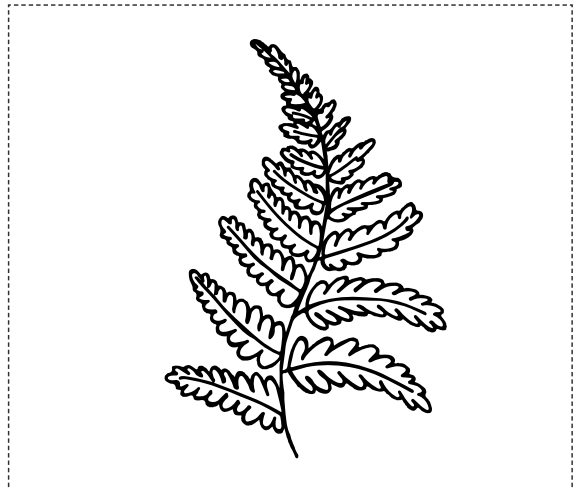
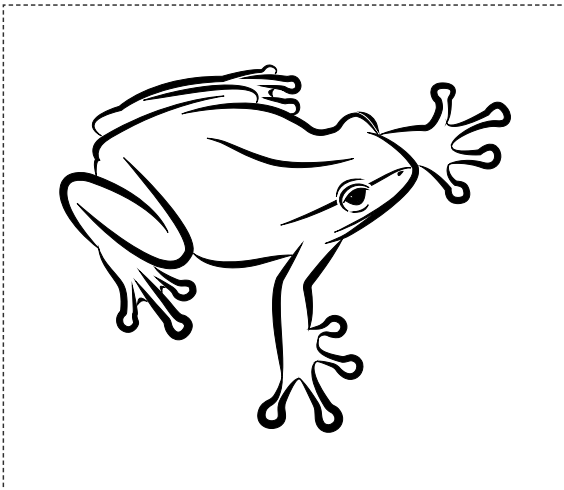
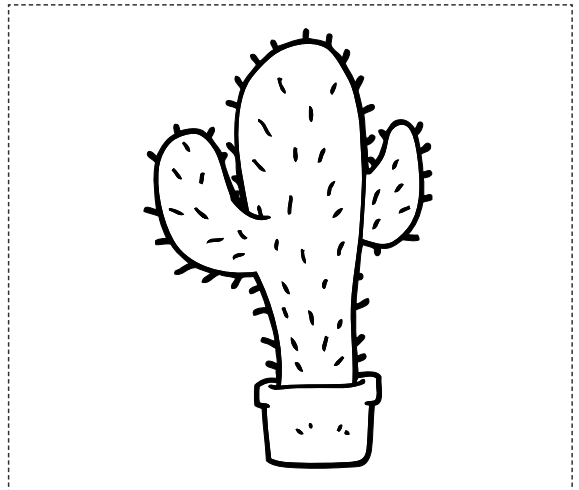
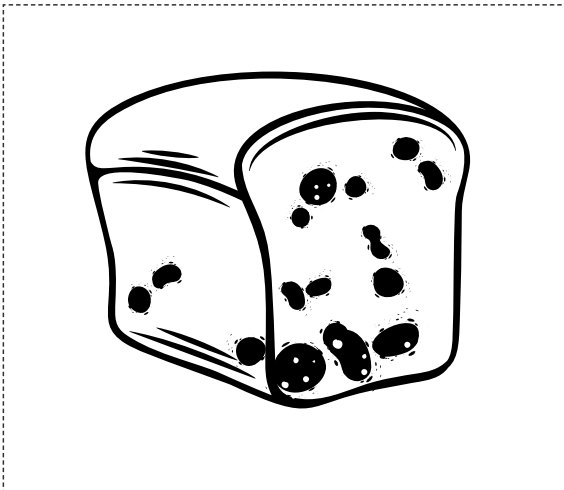
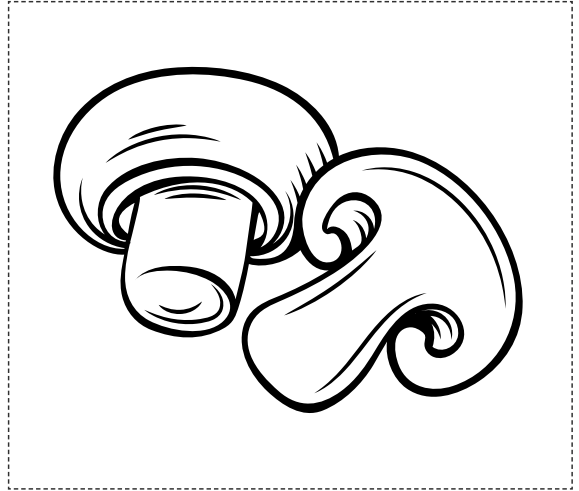
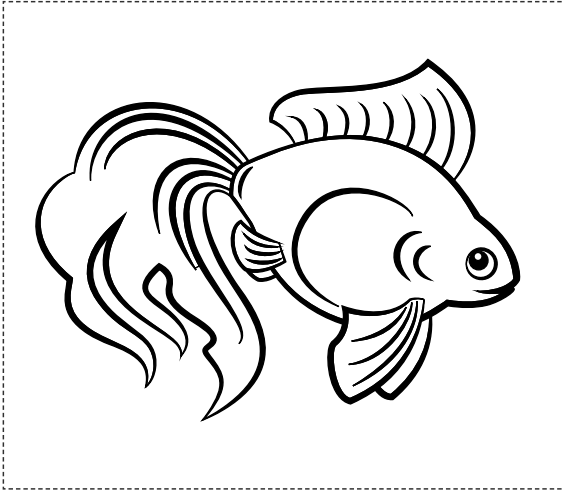
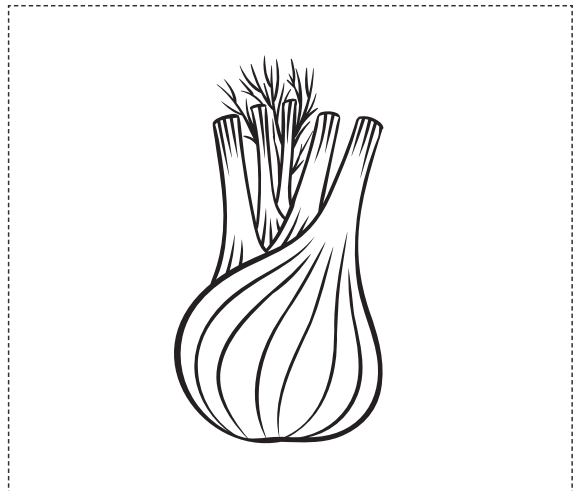
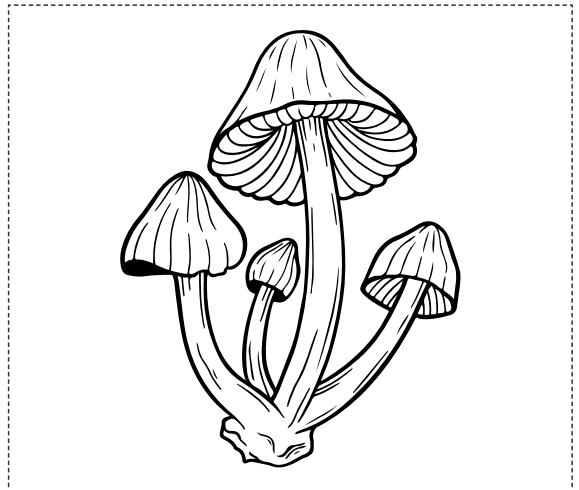
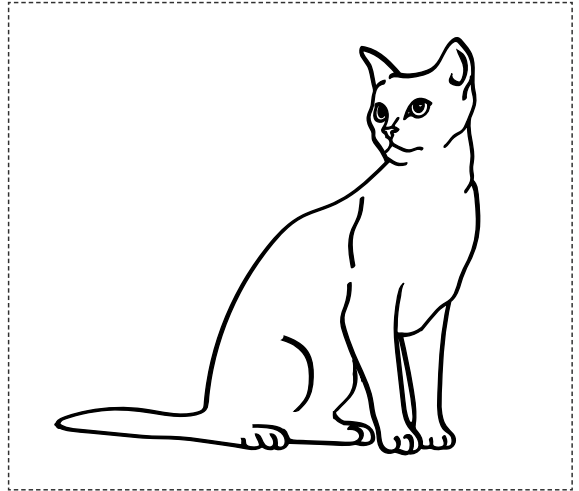
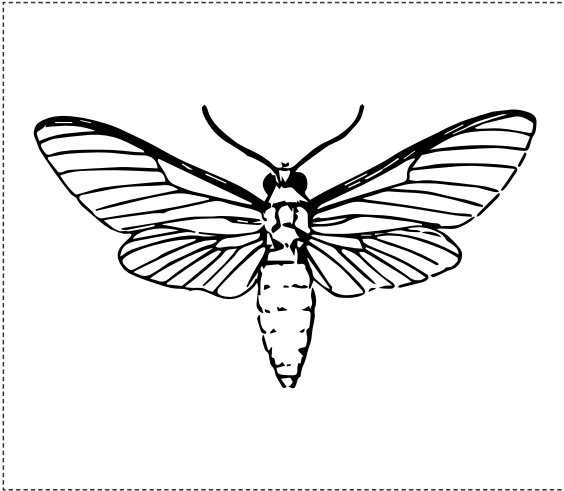


Classification



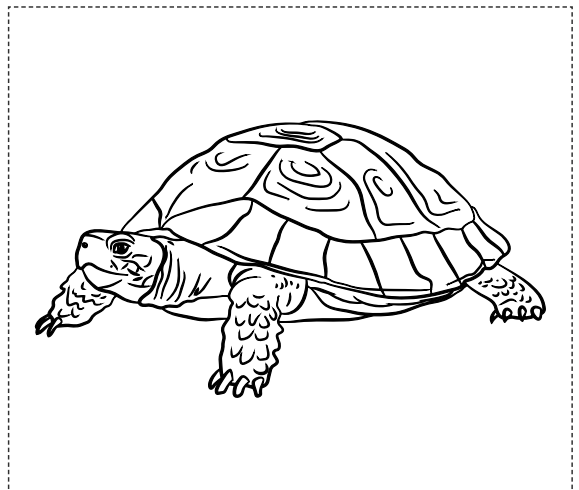
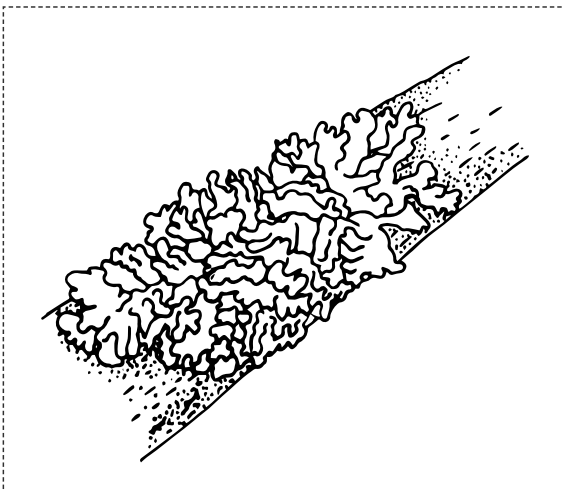
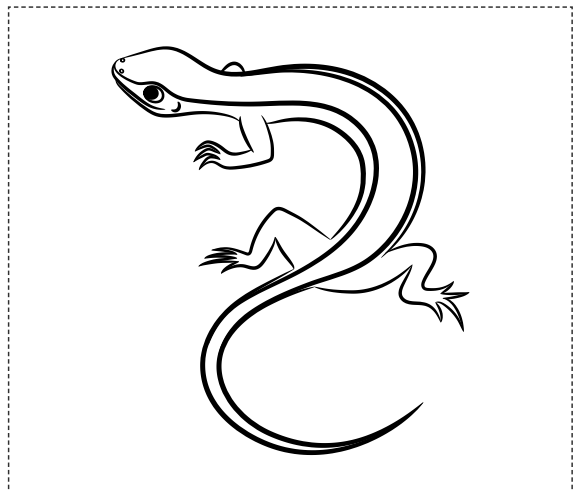
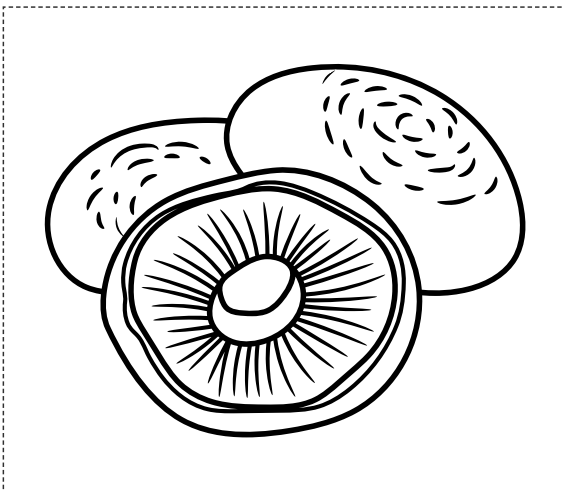
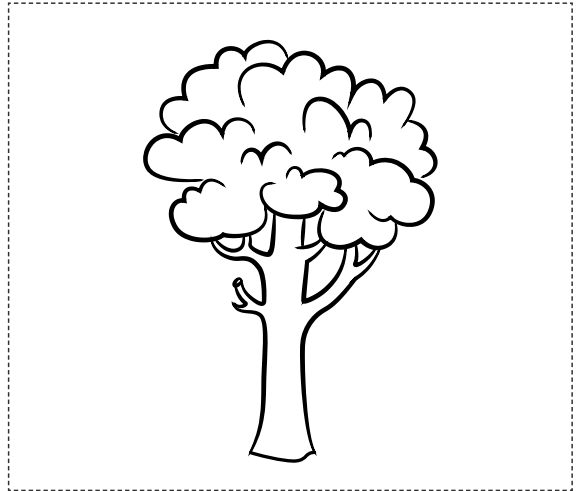
This resource has been developed by:

Classification (continued)



This resource has been developed by:

Classification (continued)



This resource has been developed by:

Animal, Plant, and Fungi Kingdoms



Scan the QR code or click on the [link](#) to learn about the Animal, Plant, and Fungi Kingdoms.



► Kingdoms of Life – Animals, Plants, Fungi, Protocists, Bacteria and Viruses <https://www.youtube.com/watch?v=Xzy4Ze93G3g&t=110s>

Summarise the features of the animal, plant, and fungi kingdoms and use the Venn diagram (on the following page) to display common and unique features.

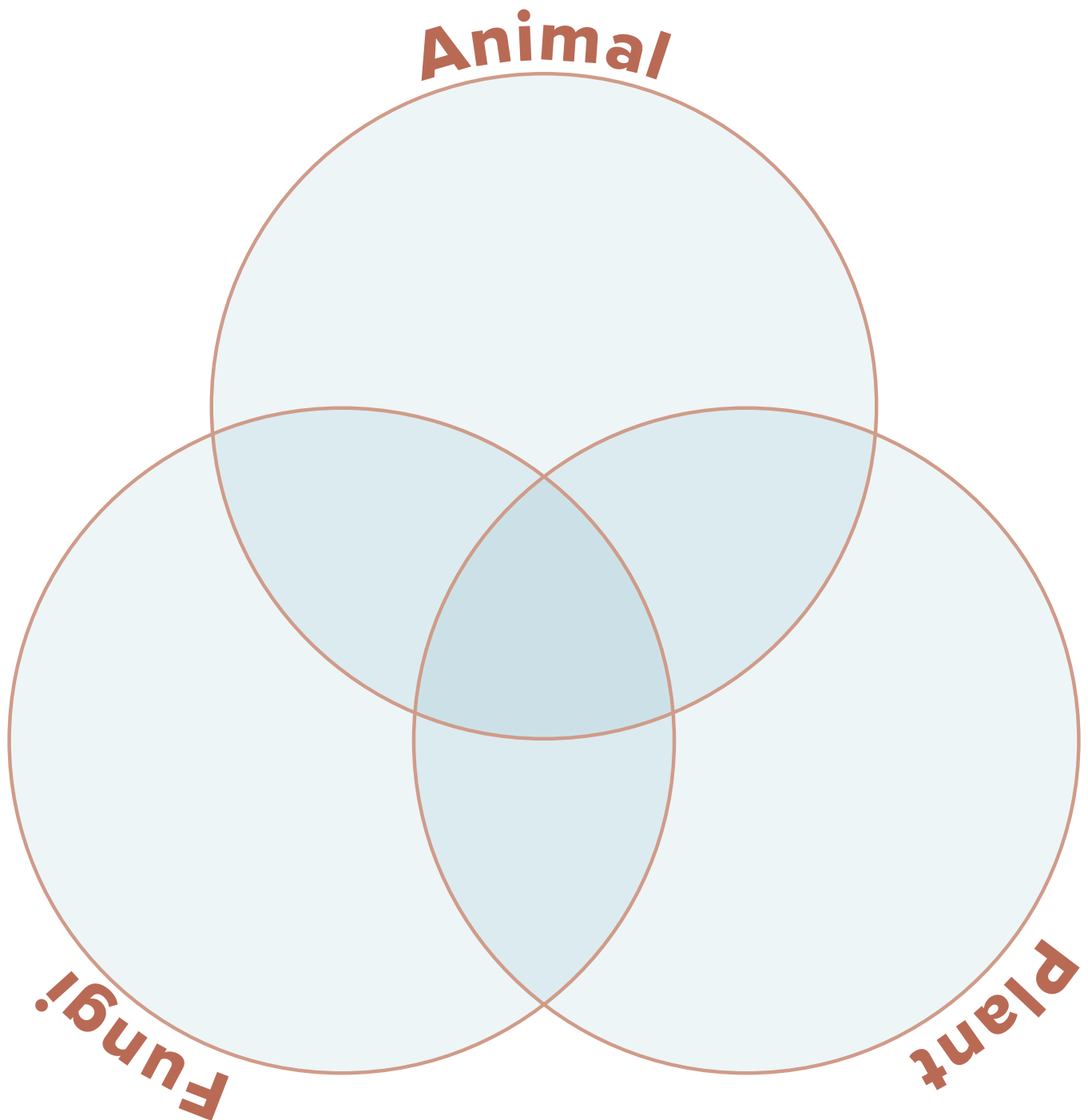
Animal kingdom features

Plant kingdom features

Fungi kingdom features

This resource has been developed by:

Animal, Plant, and Fungi Kingdoms (continued)



This resource has been developed by:

Mushroom Classification

Research the scientific names of the following mushrooms.



Swiss brown

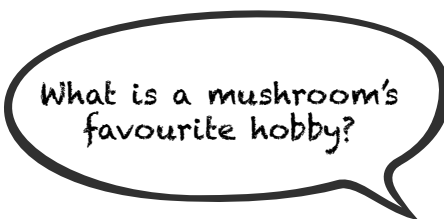


Oyster mushroom

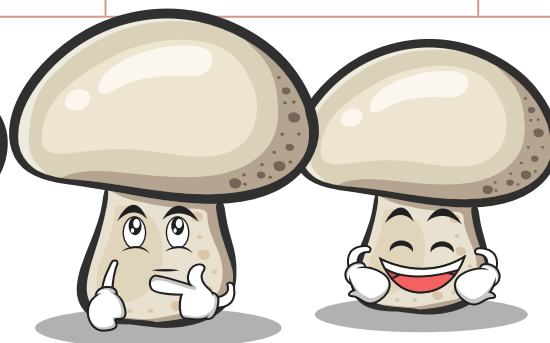


Fly agaric

| | Swiss brown | Oyster mushroom | Fly agaric |
|---------|-------------|-----------------|------------|
| Kingdom | | | |
| Phylum | | | |
| Class | | | |
| Order | | | |
| Family | | | |
| Genus | | | |
| Species | | | |



What is a mushroom's favourite hobby?



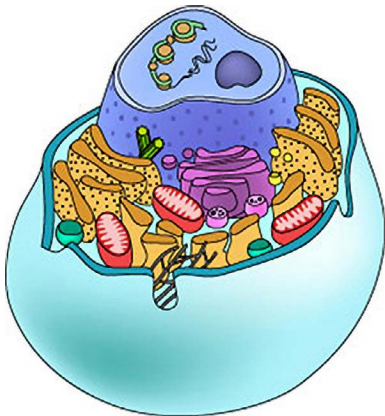
Spore(t)!

This resource has been developed by:

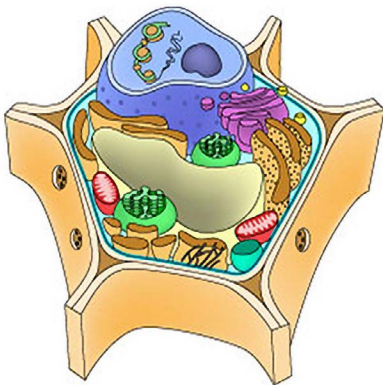
Animal, Plant, and Fungal Cell Anatomy

Use the cell anatomy viewer to note some of the common and unique features of animal, plant, and fungal cells.

▶ Cell Anatomy Viewer <https://askbiologist.asu.edu/cell-viewer-game/play.html>



| | Organelle | Features |
|--------|---------------|----------|
| Animal | Nucleus | |
| | Cell membrane | |
| | Mitochondria | |



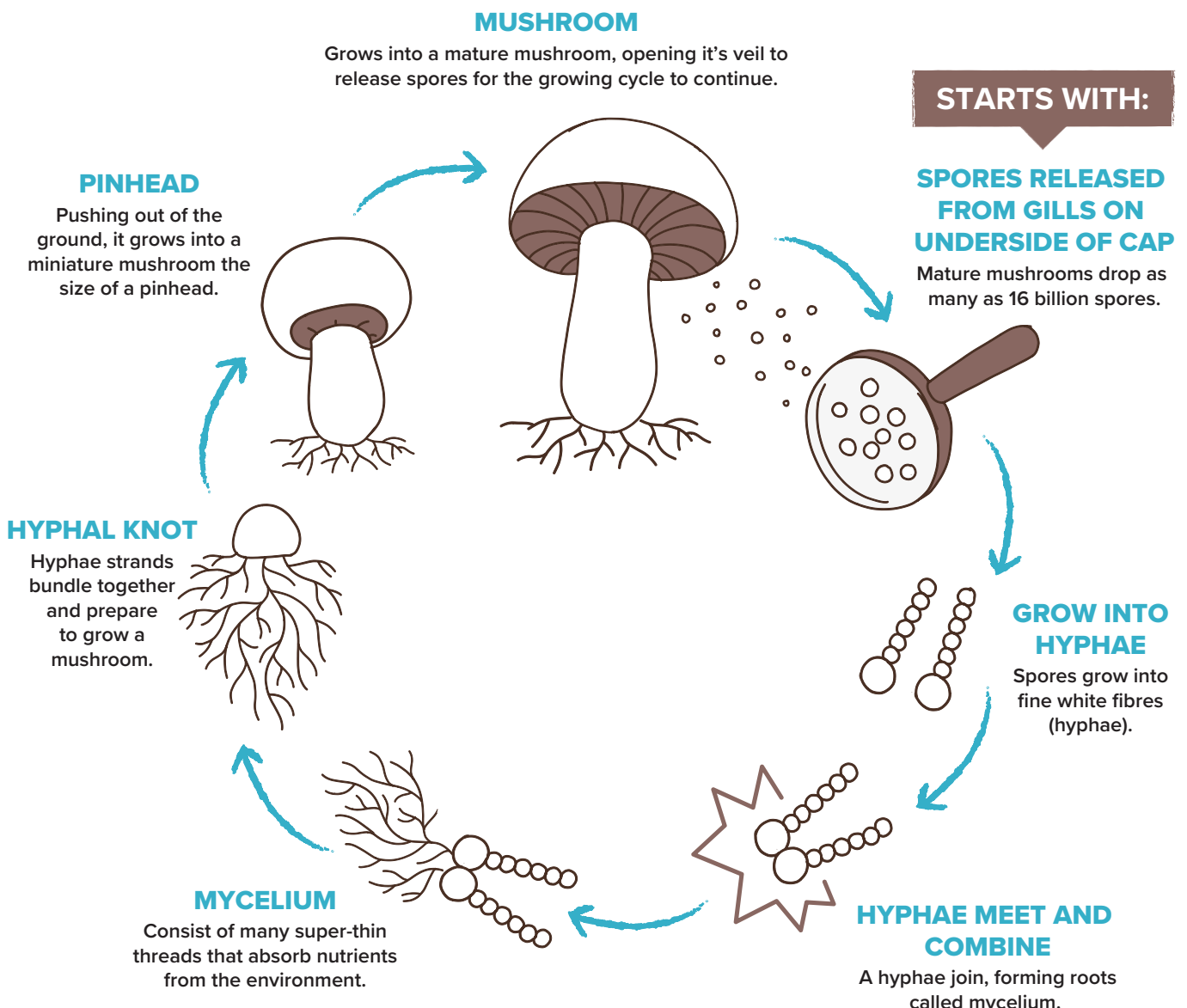
| | | |
|-------|---------------|--|
| Plant | Nucleus | |
| | Cell membrane | |
| | Mitochondria | |



| | | |
|--------|---------------|--|
| Fungal | Nucleus | |
| | Cell membrane | |
| | Mitochondria | |

This resource has been developed by:

Modelling the Life Cycle of *Agaricus bisporus*



This resource has been developed by:

Creating a Life Cycle of *Agaricus bisporus*

Collect the following materials:



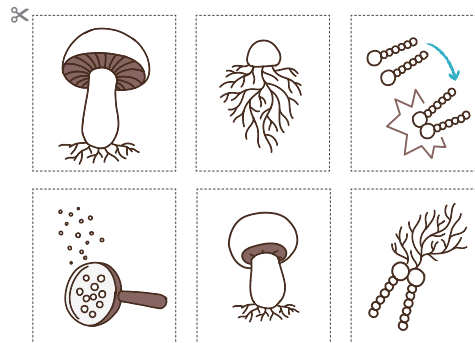
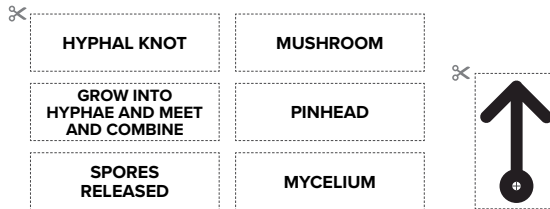
1 x large paper plate



1 x metal pin/fastener



1 x scissors



1 x template
(see following page)



1 x glue stick



1 x marker pen



1 x ruler

This resource has been developed by:

Creating a Life Cycle of *Agaricus bisporus* (continued)

Template:

✂

| | |
|---------------------------------------|----------|
| HYPHAL KNOT | MUSHROOM |
| GROW INTO HYPHAE AND MEET AND COMBINE | PINHEAD |
| SPORES RELEASED | MYCELIUM |

✂

✂

| | | |
|--|--|--|
| | | |
| | | |


This resource has been developed by:


Making a Paper Plate Life Cycle

Step 1 – Use a ruler and a marker to divide the plate into six even segments as shown (three lines that cross), and a circle inside the outer edge.


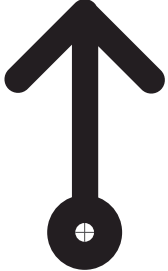



This resource has been developed by:

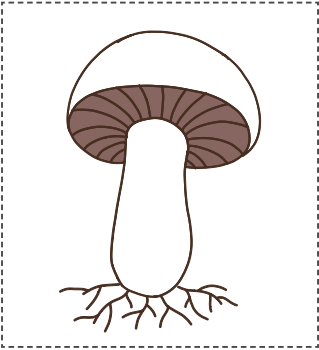
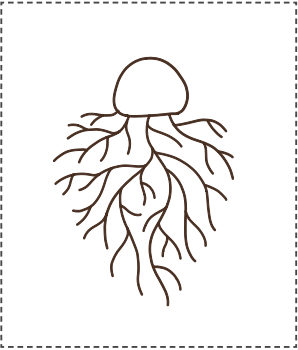
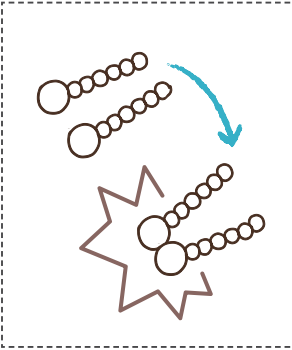
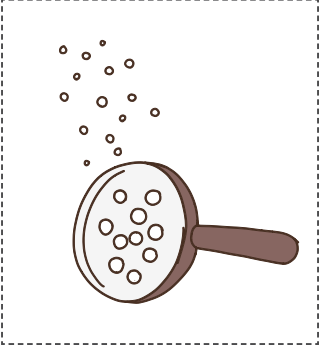
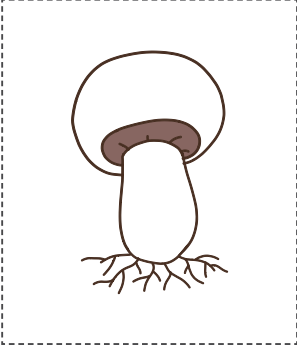
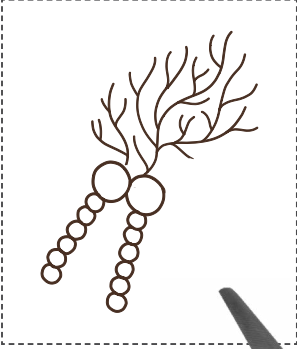
Step 2 – Use scissors to neatly cut the words from the supplied **label template**. 



| | |
|---|-----------------|
| HYPHAL KNOT | MUSHROOM |
| GROW INTO HYPHAEE AND MEET AND COMBINE | PINHEAD |
| SPORES RELEASED | MYCELIUM |

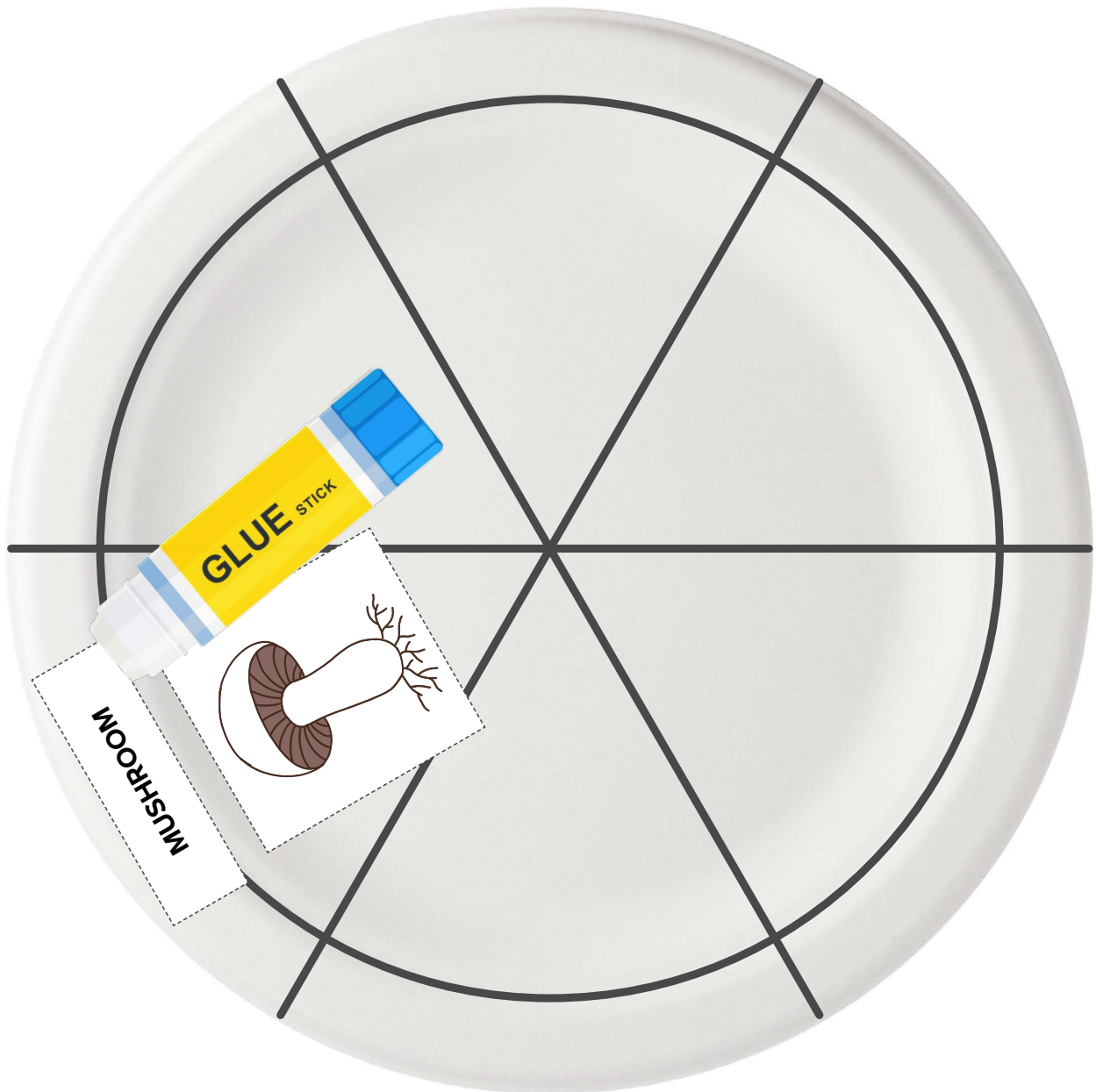


| | | |
|---|---|--|
|  |  |  |
|  |  |  |



This resource has been developed by:

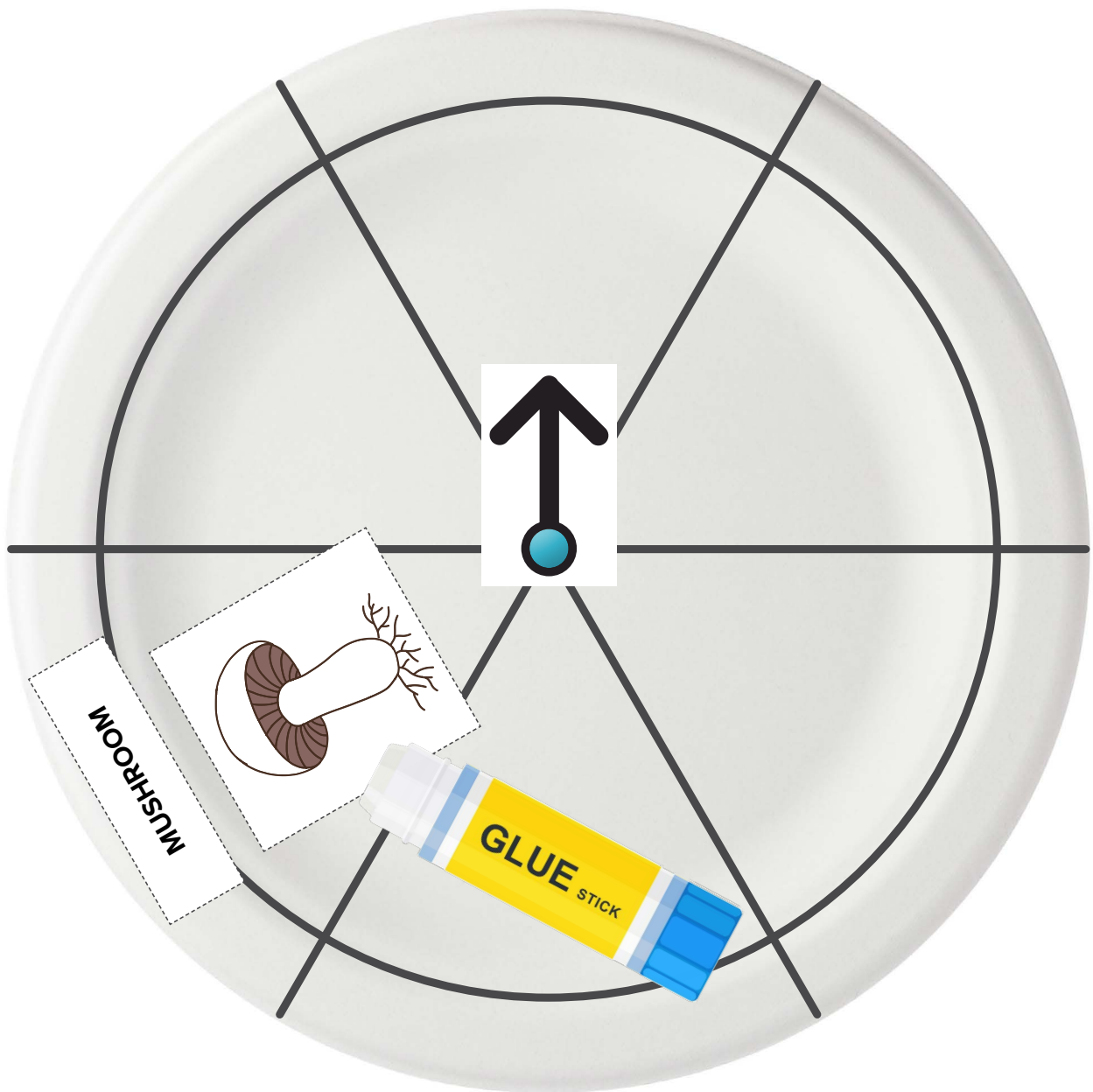
Step 3 – On the paper plate, paste the names of the cycle phases into the six outer spaces as shown below.



This resource has been developed by:

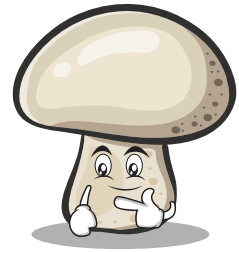
Step 4 – Paste the life cycle images into the correct segments.

Step 5 – Finally, secure the arrow with a paper fastener so that it can turn.



This resource has been developed by:

Mushroom Anatomy



Scan the QR code or click on the [link](#) to learn about mushroom anatomy. Complete a scientific diagram of a mushroom in the space below.

► Exploring Fungi Unit https://www.aeee.org.au/wp-content/uploads/2020/06/Exploring-Fungi-Resources-8_13.pdf



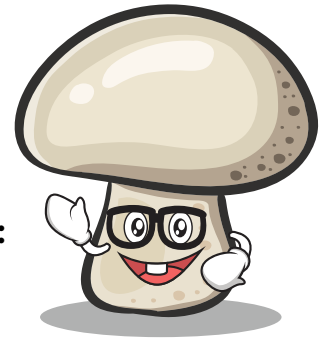
When drawing scientifically, remember to:

- Only draw what you see
- Use a pencil
- Add a scale to your drawing
- No sketching or shading
- Include a title
- Add the Latin name of the specimen, underlined
- Add labels



This resource has been developed by:

What are Fungi?



Use the Internet to find answers to the following questions:

1. Explain how fungi are heterotrophic/saprotrophic:

2. In what kind of forms can fungi exist?

3. What mechanisms do fungi use to reproduce?

4. Differentiate between hyphae, mycellium, and mushroom:

| | |
|-----------|-------------------|
| Hyphae | <hr/> <hr/> <hr/> |
| Mycellium | <hr/> <hr/> <hr/> |
| Mushroom | <hr/> <hr/> <hr/> |

This resource has been developed by: