Photosynthesis vs Cellular Respiration Wheel Foldable

Great for interactive notebooks!
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We sincerely hope that you love our activity. Please don’t forget to rate us and look through our store for other amazing activities!

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Teacher Notes

There are many ways that you can present this foldable to your students. We have included some ways below:

- We have included a blank template so that you can make any changes necessary to fit your classroom needs.
- You can use the blank template to have students fill out the foldable instead of having the information already printed.
- You can decide if you want students to color the foldable (optional).
- You can mix and match the wheels so that you have some that are blank and some that already have information provided (answer key).
- Lastly, you can have students use the foldable as a handheld study tool or have students glue it into their interactive notebooks (Pictures given below).

We sincerely hope that your students enjoy our activity. Please don’t forget to rate our activity and if you have any questions you can email us at sciencebystaffordsisters@gmail.com.
You can use the wheel foldable as a handheld study tool!

OR

You can have students glue the wheel foldable into their interactive notebooks!
Directions: Color and cut out the circles on page 1 through page 3. Cut the dotted lines between the sections. You will need to glue the wheels together by placing glue on the small circles that say “Glue Here”. The biggest circle will be glued on the bottom and the smallest circle will be glued on the top.

Important Note – Make sure to line up your circles before gluing! For example, you will want “Glue Here” to be glued on top of one another with the text upright (not sideways or upside down).
Glue Here

Cellular Respiration

Energy Released

\[ \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2 \rightarrow 6\text{CO}_2 + 6\text{H}_2\text{O} + \text{ATP} \]

A process in which stored energy is broken down to release energy.

Animal & Plant cell

Carbon dioxide and water

All the time

Carbon dioxide

Oxygen and glucose

Cellular Respiration

Cellular Respiration

Cellular Respiration

Mitochondrion

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Blank Template

A blank template is given below. You can decide if you would rather give students the foldable with the answers already printed or have them fill out the foldable. You can also mix and match the wheel to include one wheel that is already printed with answers and one without answers.
Directions: Color and cut out the circles on page 1 through page 3. Cut the dotted lines between the sections. You will need to glue the wheels together by placing glue on the small circles that say “Glue Here”. The biggest circle will be glued on the bottom and the smallest circle will be glued on the top.

Important Note – Make sure to line up your circles before gluing! For example, you will want “Glue Here” to be glued on top of one another with the text upright (not sideways or upside down).
Other Resources
Like our foldable? Please check out our other amazing activities!

Click the pictures
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