

Winter Holiday Assignment

Science Grade 4



Dear Parents,

Kindly guide students to complete the following winter break assignment accordingly. The assignment is considered as marked project and participation is considered mandatory.

This project hold 10 marks for the subject
(CA marks for Term 2).

Submission date for assignment (09.01.21)

Science Project

The Water Cycle Wheel

All the water on the Earth has been around forever.

The water cycle keeps our water supply going around and around.

Have you ever seen water drops on a plant?

No, it's not sweating. Plants are going through transpiration in which the plants lose water through their leaves. Transpiration helps out by putting water vapour back into the air.

Do you know that you have seen condensation at work?

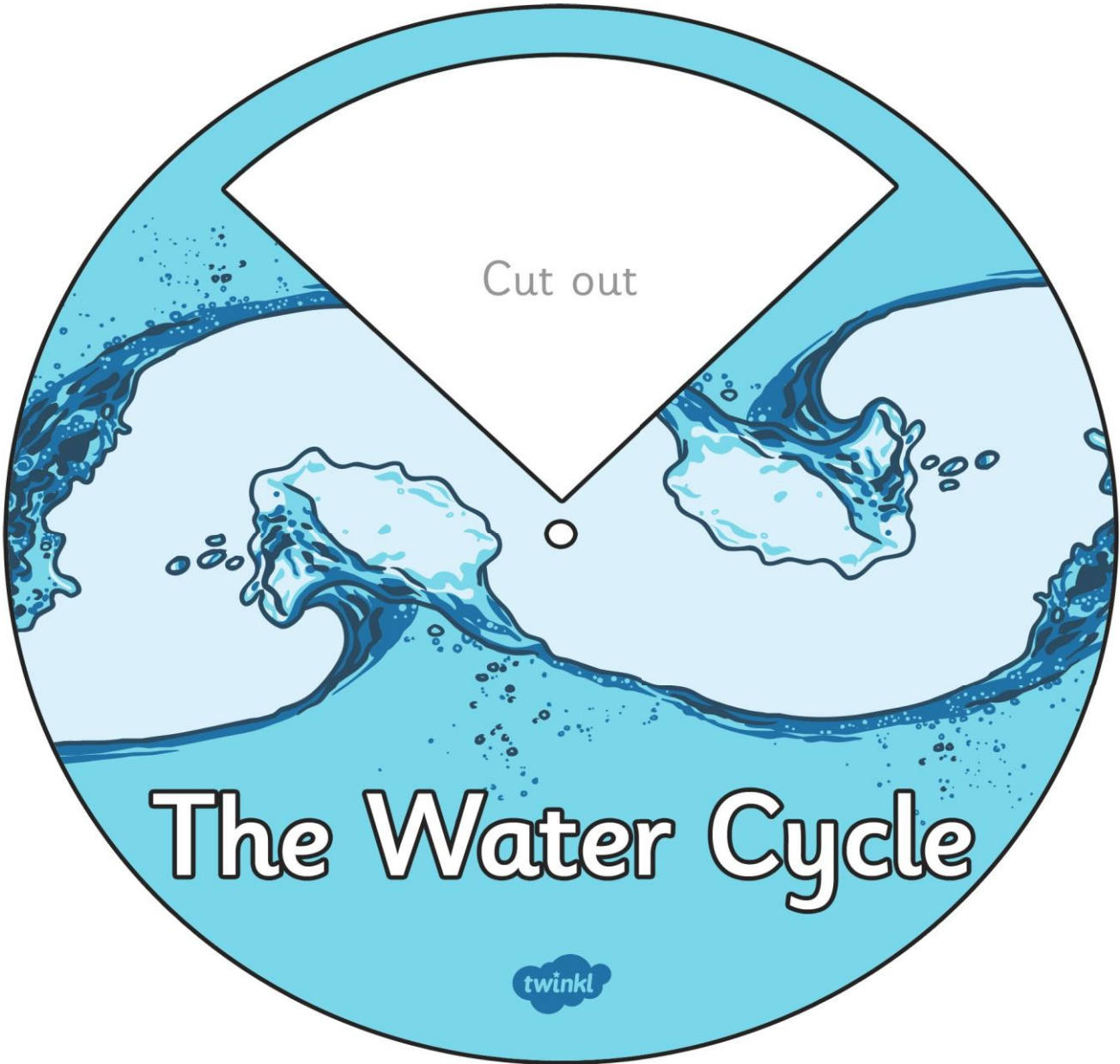
If you've ever had a drink in a cold glass or a can and the air is warm outside, you'll see water drops on the outside of the glass. This is because the water vapour in the warm air is being cooled back down into a liquid on the surface of the glass or can.



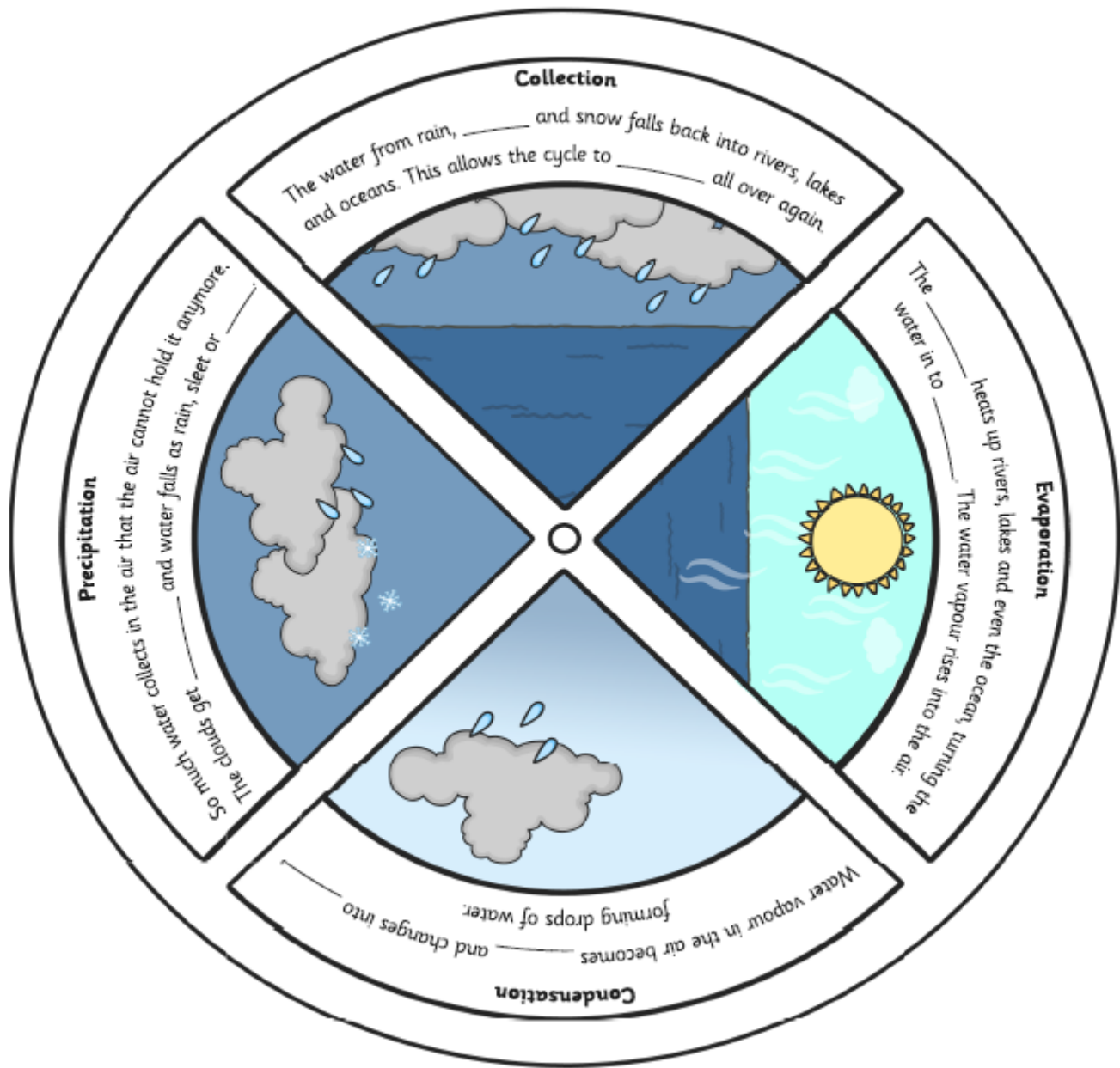
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Instructions:

Cut out both discs. Place top discs over bottom disc and fix together. Line up the images and text on the bottom disc with the cut out window on the top disc to create your **water cycle wheel**.



<https://www.twinkl.ae/resource/tp2-s-068-planit-science-year-4-states-of-matter-lesson-6-the-water-cycle-lesson-pack>



Important points to be noted

- Bring your Science **2nd term notebooks** wrapped and with name tag.
- Bring your **required stationeries** – pencils, erasers, sharpener, glue, ruler, and scissors.
- Practise **cursive handwriting**.
- List down and find the meaning of some **important words** in Water Cycle.

Science Project Rubric

5	4 - 3	2	1
Model clearly represents the theme. Model is self-explanatory. Model is completely accurate.	Model clearly represents the theme. Model is self-explanatory. Model has less than two mistakes.	Model clearly represents the theme. Model is self-explanatory. Model has three - four mistakes.	Model is missing or incomplete.
Project is neatly done, creative and organized, great deal of attention is paid to detail; writing or word processing is neatly done; pen, markers and rulers are used	Project is neatly done, organized, some attention is paid to detail; writing or word processing is neatly done; pen, markers and rulers are used	Project is somewhat neatly done, some attention is paid to detail; some cross-outs, crooked writing, may be done in pencil	Project is done in messy and careless manner; no attention is paid to detail; too many cross-outs, crooked writing, done in pencil