

Mission:

19. Water Cycle

ORGANIZATION:

Music: 8. Rain is Falling Down

Materials: Pictures from water cycle.

Books: *The Snowy Day* by Ezra Jack Keats

Set up: Scattered.



Discuss the water cycle and have children act out the moves. First, drops of water rise in the air when the sun comes out and warms the water. As the water vapor rises, it is free to travel around (have them move around without touching anyone or making noise, as water is invisible when it vaporizes). Next, up in the sky the air gets cooler and clouds are formed (use hands to make a cloud—a small and big one). Then, when a cloud becomes cool, it rains (in place, run fast as raindrops fall fast from sky). Next, when the air gets much colder we get snowflakes (have them move slowly like a snowflake). When it is very, very cold, the water on the ground becomes ice (have them get in groups of four, hugging each other, and try to move — it is difficult to move like this, as ice is very thick). Last, when the sun comes out the ice melts and becomes water again (have them slowly melt on the floor). Continue by reading the book and making connections.

VARIATIONS:

After the children understand the water cycle, read the book and ask the children to show how they feel on

a hot or cold day and what activities they like doing on a rainy day, warm day, dry day, snowy day, etc.

EXTRA
TIPS:

Connect the concepts with images for better understanding. Ask questions, such as: How is a cloud formed? What happens when a cloud becomes cool? How would you move as rain?

Can you move as a snowflake? What happens to the water when the sun comes out? To the snow? To ice?

Water Cycle

CHOOOSE:

Ask the children to choose their favorite weather condition and describe with moves why it is their favorite weather. Ask them what their favorite activities are on their best weather day.

ASSESS:



Development and Learning Objectives:

- TSG 2c - Peer Interaction
 - Early Learning Standard 10.4 - Relationships with children, Benchmark 4
 - TSG 27 - Knowledge of Earth's Environment
 - Early Learning Standard 12.4 - Scientific Reasoning, Benchmark 1
- Physical:*
- TSG 4a - Walks
 - Early Learning Standard 8.2 - Large Motor Development, Benchmark 1

RELATE:

One child acts out a weather condition or a favorite activity related to that weather and all the other children try to guess the correct answer.

ENERGIZE THE BRAIN
(EF):

Show pictures of a sun, cloud, rain, and snow, and connect a move with each picture. Every time they see a picture they need to do the correct move without talking. Inhibition and working memory are required. To add challenge on cognitive flexibility, change the rules by adding different or opposite moves.