

DANCES WITH WATER

TEACHER(S):

DURATION: One 30-45 minute class period

21st CENTURY SKILLS:

- | | | | |
|--|---|---|-------------------------------------|
| <input type="checkbox"/> Critical Thinking | <input checked="" type="checkbox"/> Creative Thinking | <input checked="" type="checkbox"/> Collaborating | <input type="checkbox"/> Initiative |
| <input type="checkbox"/> Communicating | <input type="checkbox"/> Media Literacy | <input type="checkbox"/> Informational Literacy | |
| <input type="checkbox"/> Tech Literacy | <input type="checkbox"/> Flexibility | <input type="checkbox"/> Social Skills | <input type="checkbox"/> Leadership |
| <input type="checkbox"/> Productivity | | | |

? ESSENTIAL QUESTION

Students explore the hydrologic cycle and the process by which water cycles through earth.

☰ ENGAGEMENT

Students discuss the various symbols that can be used to represent each part of the cycle.

☰ LESSON SEQUENCE

Step 1: Have students create symbols for each of the stages of the hydrologic cycle: evaporation, transpiration, condensation, precipitation, runoff, and infiltration.

Step 2: Using the symbols as inspiration, create movement phrases that encompass each symbol and the action occurring at each stage, while using the location in which the process occurs as motivation for the levels used for the phrase.

Step 3: Put the phrases together to compose a full sequence of movement, taking into account the tempo used in each stage of the cycle. The order can be altered to check for understanding for example, place the phrases in correct order of the water cycle process, place the phrases in reverse order, mix the phrases then repeat them in correct order, etc)

👤 TEACHER NOTES

MATERIALS LIST:

- Water/hydrologic cycle
- Chart Paper
- Markers
- 4x4 cards out of cardstock

KEY VOCABULARY:

- Evaporation
- Transpiration
- Condensation
- Precipitation
- Runoff
- Infiltration

ASSESSMENT:

Hypothesis & Critique:

While fellow students are watching the water dance, have them hypothesize the order that the composers presented the hydrologic cycle, including a rationale that justifies their hypothesis.