

# Lesson 1

## The Water Cycle

Water Cycle Drama Cards and Student Artwork  
Set-Up Picture from the Corn Growth and Rainfall Experiment

1. Water Vapor  
( $H_2O$ ) in the  
Atmosphere



Side one of all cards



Cards 1, 2, & 3

- 2) Condensation (cloud)
- 3) Precipitation as snow on Mountain
- 4) Snowmelt runoff to the stream/lake
- 5) Infiltration into the aquifer
- 6) Groundwater flow to the ocean
- 7) Evaporation into the atmosphere

2. Condensation (cloud)
3. Precipitation as snow on the Mountain.
4. Snow melt + runoff to the farm
5. Taken up by a plant.
7. Transpiration into the atmosphere

2. Condensation (cloud)
3. Precipitation as Snow on Mountains
7. Sublimation into the Atmosphere

Cards 4, 5, & 6

2. Condensation (cloud)
3. Precipitation as snow on the mountain
4. Infiltration into the aquifer
5. Pumped out by a windmill to the farm
6. Taken up by a plant
7. Transpiration into the atmosphere

2. Condensation (cloud)
3. Precipitation as rain on farm
4. Taken up by plant
7. Transpiration into the atmosphere

2. Condensation (cloud)
3. Precipitation as rain on farm
4. Surface runoff into stream / lake
5. Infiltration into aquifer
6. Groundwater flow to the ocean
7. Evaporation into atmosphere



2. Condensation (cloud)  
3. Precipitation as hail on the farm  
4. Melts and infiltration into the aquifer  
5. Groundwater flow to the ocean  
7. Evaporation into the atmosphere

2. Condensation (cloud)  
3. Precipitation as rain on the farm.  
4. Pumped to the farm.  
5. Taken up by a plant  
7. Transpires into the atmosphere.

2. Condensation (Cloud)  
3. Precipitation as rain on the stream + lake  
7. Evaporation into the atmosphere.

Cards 7, 8, & 9

2. Condensation (cloud)  
3. Precipitation as hail on the stream + lake.  
7. Infiltration into the aquifer.

2. Condensation (cloud)  
3. Precipitation as rain on the ocean.  
7. Evaporation into the atmosphere.

2. Condensation (cloud)  
3. Precipitation as Snow on the Mountains  
4. Snowmelt runoff to the Stream or Lake  
7. Infiltration into the aquifer

Cards 10, 11, & 12

Cloud painting







Mountains painting





Ocean and plant paintings

Farm painting





Stream and lake painting



Groundwater in the aquifer  
and windmill painting



A team completing one control and three treatment pots for the Corn Growth and Rainfall Experiment (there are six columns of four pots because this teacher worked with six teams in six classes during the day).

