

**Lesson 1: The Water Cycle**  
**An Example Set of Student Water Cycle Direction Cards**  
**(Make a couple of sets for large classes and, if necessary, triple up first on those cards that have more steps like Cards 1, 4, and 6)**

**Card 1**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Snow on the Mountains
4. Snowmelt Runoff to the Stream or Lake
5. Infiltration into the Aquifer
6. Groundwater Flow to the Ocean
7. Evaporation into the Atmosphere

**Card 2**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Snow on the Mountains
4. Snowmelt Runoff to the Farm
5. Taken up by a Plant
7. Transpiration into the Atmosphere

**Card 3**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Snow on the Mountains
7. Sublimation into the Atmosphere

**Card 4**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Snow on the Mountains
4. Infiltration into the Aquifer
5. Water Pumped by a Windmill to the Farm
6. Taken Up by a Plant
7. Transpiration into the Atmosphere

**Card 5**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Rain on the Farm
4. Taken Up by a Plant
7. Transpiration into the Atmosphere

### **Card 6**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Rain on the Farm
4. Surface Runoff into the Stream or Lake
5. Infiltration into the Aquifer
6. Groundwater Flow to the Ocean
7. Evaporation into the Atmosphere

### **Card 7**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a 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

### **Card 8**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Rain on the Stream or Lake
4. Water Pumped to the Farm
5. Taken up by a Plant
7. Transpiration into the Atmosphere

### **Card 9**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Rain on the Stream or Lake
7. Evaporation into the Atmosphere

### **Card 10**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Hail on the Stream or Lake
7. Infiltration into the Aquifer (molecule stays here)

### **Card 11**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Rain on the Ocean
7. Evaporation into the Atmosphere

**Card 12**

1. Water Vapor (H<sub>2</sub>O) in the Atmosphere
2. Condensation into a Cloud
3. Precipitation as Snow on the Mountains
4. Snowmelt Runoff to the Stream or Lake
7. Infiltration into the Aquifer (molecule stays here)