

# Aquifers of Kansas Video Companion Sheet

- Circle all the relevant bodies of water that contain surface water  
Clouds   Rivers   Aquifers   Lakes   Reservoirs   Wetlands   Oceans
- Eastern Kansans are more likely to get their water from (circle one)  
Surface Water            OR            Ground Water
- Western Kansans are more likely to get their water from (circle one)  
Surface Water            OR            Ground Water
- What prominent mountain range formed the Ogallala Aquifer? Write below
- What's the average recharge rate per year for the Ogallala Aquifer? (circle one)  
Less than an inch   A foot   10 feet   100 feet
- How much water is lost per year from the Ogallala Aquifer due to pumping? (circle one)  
Less than an inch   A foot   10 feet   100 feet
- How much money does the Ogallala Aquifer contribute each year to the Kansas Economy? (circle one)  
Hundreds   Thousands   Millions   Billions
- Name one example of an advancement we use to decrease the amount of water pumped.
- Match the vocabulary to their definition
  - Aquifers                                 \_\_\_\_\_When water moves underground from the surface
  - Percolation
  - Ogallala Aquifer                        \_\_\_\_\_A large aquifer that spans eight states across the U.S.
  - High Plains Aquifer                    \_\_\_\_\_Part of the larger High Plains Aquifer and is found in western Kansas
  - \_\_\_\_\_A source of water that is stored underground
- Explain why western Kansans rely on the High Plains Aquifer.