Aim: How does the specific heat affect how earth surfaces are heated?

**Day**

- Land = Low Sp. Heat
  - Needs less energy
  - Fast Temp. Change

- Water = High Specific Heat
  - Needs a lot of energy
  - Slow Temp. Change

Day: Land heats up faster; low Sp. Heat.

- Creates a Sea Breeze, wind blows cool air from sea to land.

**Night**

- Night: land cools down faster.
  - Water stays warm
  - High Sp. Heat
  - Land Breeze

- Land = Low Sp. Heat
  - Cools fast

- Water = High Sp. Heat
  - Stays warm & slow temp. change