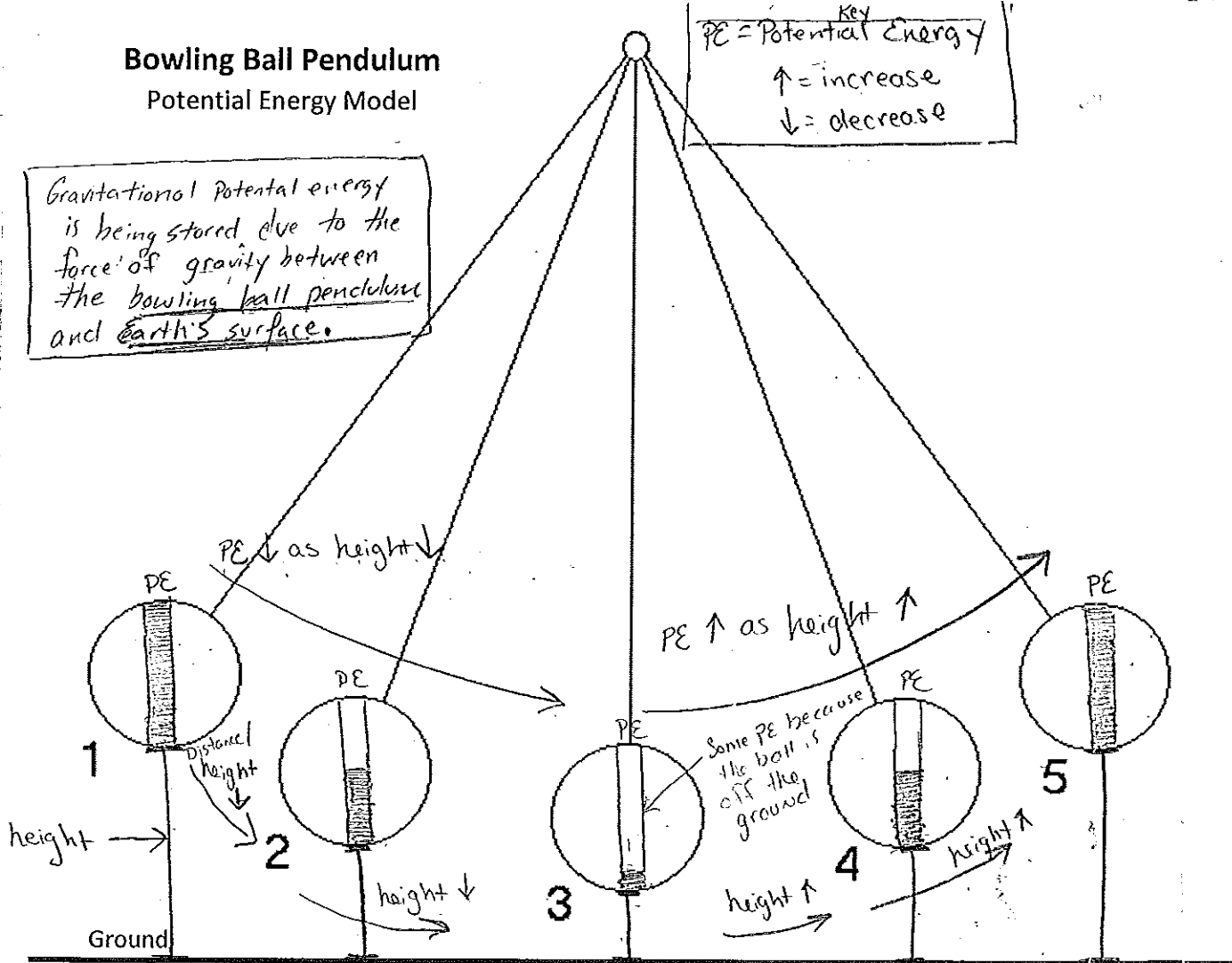


Bowling Ball Pendulum Potential Energy Model

PE = Potential Energy
 ↑ = increase
 ↓ = decrease

Gravitational potential energy is being stored due to the force of gravity between the bowling ball pendulum and Earth's surface.



TASK: Develop a Model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored.

Model: add information to the model above to demonstrate the task

Summary: write a summary that explains the task, include the information below and underline or circle the information with the correct colored pencil

- Identify the 2 objects that are interacting (Underline in RED) ✓
- Identify the type of force and type of PE (Underline in ORANGE) ✓
- How distance between objects change (Underline in GREEN)
- How is energy stored (**CIRCLE in RED**)
- Explain how the potential energy changes as the relative position of the objects changes (**CIRCLE in BLUE**)