

**LESSON 4 WORKSHEET
SCENIC SCIENCE**

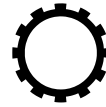
NAME: _____

INITIALS: _____

TINKERING (Short Answer)

1. What did you use in the center of your wheel (windmill, waterwheel, other)? **CIRCLE**
 ROD/SHAFT HOLDER/PINCHER GEAR

2. What is an RPM? (or use a vector arrow to draw 1 REV)



in one minute

ENERGY TYPES

Determine the Energy Type: Underline the correct answer.

- | | | | |
|-------------------------------------|-----------|----|---------|
| 1. Food or Gasoline | POTENTIAL | or | KINETIC |
| 2. A Working Waterwheel or Windmill | POTENTIAL | or | KINETIC |
| 3. Elevated Water | POTENTIAL | or | KINETIC |
| 4. Flowing Water | POTENTIAL | or | KINETIC |

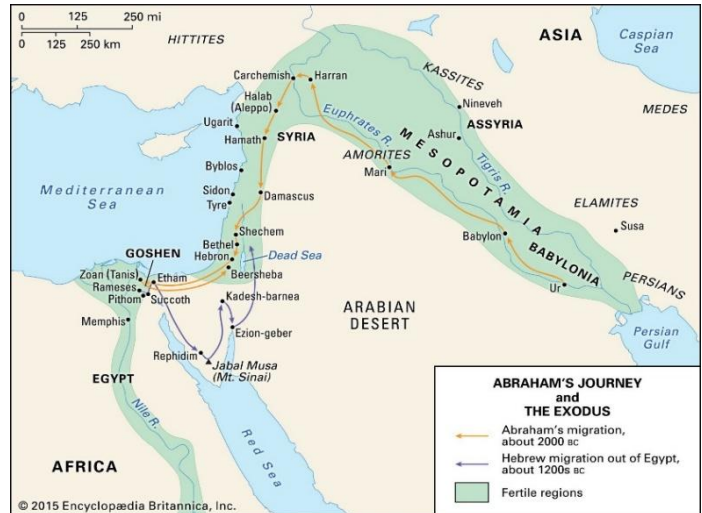
MAP READING – MEASURING ABRAHAM’S JOURNEY

What makes the green regions fertile? (**CIRCLE TWO**)

- RAINFALL DESERTS RIVERS SAND

USE THE SCALE (~1 cm = 250 km):

- a) What is the approx. distance from Ur to Harran: _____ km
- b) What is the approx. distance from Harran to Shechem: _____ km



OBSERVING GEARS:

Circle the correct answer.

1. Which image shows gears that **CAN'T** do work?



2. Are your gears: **FREE** wheels/gears or **FIXED** wheels/gears

3. Are your pegs/rods: **FREE** or **FIXED**