LESSON 4 WORKSHEET SCENIC SCIENCE

NAME:			 	
INITIAL	S:			

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 (\sim 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?







- Carchemish Harran
 Halab
 (Aleppo)
 Ugarit
 Hamath SYRIA
 Byblos
 Sea

 Shechem
 Bersheba
 Ramasess
 Pithom* Shecoth
 Rephidim
 Jabal Musa
 Rephidim
 Jabal Musa
 Rephidim
 AFRICA

 Parsian
 Gulf

 ASIA

 Caspian
 Sea

 ASSYRIA
 AMORITES
 Betylon

 Sale
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- 2. Are your gears: FREE wheels/gears or FIXED wheels/gears
- 3. Are your pegs/rods: FREE or FIXED