

Summative Assessment #2 for How Can We Move Our Principal?



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Simple Machines

Summative Assessment #2 – (Day 5 of unit)

Constructed Response, Selected Response

Duration:

20 minutes

Standard(s) Assessed:

SC.C.2.2.1.3.1, SC.H.3.2.1.3.1, SC.H.3.2.2.3.1

Description of Assessment Activity:

Identified standards are addressed multiple times using both short answer and multiple choice.

Teacher Directions:

Remove visual aids from the bulletin board or elsewhere in the classroom. Students are being assessed on the identified standards and should be given any necessary testing modifications to allow for only these standards to be assessed. Teachers may need to allow more time, read the assessment to the students, or change seating to remove distractions during the assessment.

Note: The pictures used on this assessment duplicate best if downloaded from the Unit Plan from Beacon Learning Center site at <http://www.beaconlc.org/planner/display.asp?unitId=217>, then copied. Copies made from copies tend to be of poor quality.

Student Directions:

Students are to read the assessment and complete each item. Raise your hand if you need some help reading.

Scoring Method & Criteria:

This is a 14-item assessment and should be scored using standard percentages.

Name _____
Date _____

Simple Machines Summative Assessment #2

Look at each picture. Fill in the blank to tell what kind of simple machine is shown in the picture. Then finish the sentence to tell how this machine can help our health or lifestyle.



1. This simple machine is an _____
_____.

2. It can help or hurt humans by _____



3. This simple machine is a _____.

4. It can help or hurt humans by _____



5. This simple machine is a _____.

6. It can help or hurt humans by _____



7. This simple machine is a _____.

8. It can help or hurt humans by _____



9. This simple machine is a _____.

10. It can help or hurt humans by _____



11. This simple machine is a _____.

12. It can help or hurt humans by _____

Read the question and mark your answer by filling in the circle by your answer choice.

13. Where can you find information about different kinds of inclined planes?

- A. From my social studies book
- B. From a library book on simple machines
- C. From the dictionary
- D. From my math book

14. Where can you find information about **different uses** for pulleys?

- A. From an encyclopedia
- B. From watching in the lunchroom
- C. From a math game
- D. From watching the flag go up the pole

Name _____
Date _____

Simple Machines Summative Assessment #2

Answer Key

Look at each picture. Fill in the blank to tell what kind of simple machine is shown in the picture (SC.C.2.2.1.3.1). Then finish the sentence to tell how this machine can help or hurt our health or lifestyle (SC.H.3.2.2.3.1).



1. This simple machine is an ***inclined plane.***
2. It can help or hurt humans by ***Accept any reasonable answer.***



3. This simple machine is a ***wedge.***
4. It can help or hurt humans by ***Accept any reasonable answer.***



5. This simple machine is a ***screw.***
6. It can help or hurt humans by ***Accept any reasonable answer.***



7. This simple machine is a **lever**.

8. It can help or hurt humans by
Accept any reasonable answer.



9. This simple machine is a **wheel and axle**.

10. It can help or hurt humans by
Accept any reasonable answer.



11. This simple machine is a **pulley**.

12. It can help or hurt humans by
Accept any reasonable answer.

Read the question and mark your answer by filling in the circle by your answer choice.

13. Where can you find information about different kinds of inclined planes? (SC.H.3.2.1.3.1)
B. from a library book on simple machines

14. Where can you find information about **different uses** for pulleys? (SC.H.3.2.1.3.1)
A. from an encyclopedia

This assessment can be assigned grades as to % of correct answers.