You will be answering some simple machine riddles this week. Think carefully about what you have learned and how simple machines can be used to help us do work.

**Week 9, Day 1**

1. I am a simple machine. I am a bar resting on a turning point. I make lifting objects easy. What am I?

2. I am a simple machine. I am a wheel that turns on a rod. I make carrying objects from one place to another easy. What am I?

3. I am a simple machine. I am a plane that is tilted and connects a lower level to a higher level. I make getting things to a higher place easier. What am I?

**Week 9, Day 2**

1. I am a simple machine. I help cars, trucks and vans roll smoothly on roads. What am I?

2. I am a simple machine. I make it easy to slice bread. What am I?

3. I am a simple machine. I make it easy to get a flat to the top of the flag pole. What am I?

4. I am a simple machine. I make it easy to get a heavy box into a truck. I make it easy to get a wheel chair into a building. What am I?

5. I am a simple machine. I hold pieces together on your bicycle and your desk at school. What am I?
Week 9, Day 3

1. I am a simple machine. I am one of the oldest and simplest machines. I am a bar that helps people lift heavy objects. I help pry open cans of paint. What am I?

2. I am a simple machine. You use me when you seesaw, use a paint brush, sweep the floor with a broom or shovel up dirt. What am I?

3. I am a simple machine. I am a wheel with a rope wrapped around me. I help open curtains or mini-blinds. What am I?

4. I am a simple machine. I am like the lever because I help move heavy objects. Long ago the Egyptians used me to move heavy stones to build the pyramids. What am I?

5. I am a simple machine. You use me on the playground when you slide down the slide. You use me when you walk up or down stairs. What am I?

Week 9, Day 4

1. I am a simple machine. I am a type of inclined plane. I force objects apart or hold them together. I can be used to split firewood. I can be used as a doorstop. What am I?

2. I am a simple machine. I am another type of inclined plane. I go around a center pole. I am very useful. I hold things tighter than nails because I must be twisted to go in or out of an object. What am I?

3. I am a simple machine. Cars can move up and down a steep mountain at safe speeds when traveling on a road that spirals from top to bottom. I am a type of inclined plane. What am I?

4. I am a simple machine. I am one of the most important inventions of all time. I was first used as a rolling log. I make it easier and faster for objects to move. I am in clocks. What am I?

3. I am a simple machine. I lift objects and move them from place to place. One end of a rope is wrapped around the wheel and the other end is attached to an object. Skiers use me to get to the top of mountains. What am I?