Simple Machines Crossword Puzzle

Across
1. tool with two levers attached together for cutting paper
5. wheel and axle device that is turned when you open a door
6. wedge used for cutting food
8. fixed point on a lever that doesn’t move
10. number of different types of simple machines
11. type of simple machine that is made of a wheel with a rope or chain
13. inclined plane that is often found on a playground
14. type of simple machine that is made of a wheel attached to a rod
16. pulleys are used to raise this on a sailboat
17. lever used for digging holes in the ground

Down
2. part of a water bottle with a screw
3. wheel and axle tool that is often used with screws
4. type of simple machine that is a flat surface with one end higher than the other
7. When you push, pull, or turn something you are applying this.
9. Pulleys are used to raise a flag up this tall object.
10. lever that kids sit on; often found on a playground
12. type of simple machine made up of a bar that moves on a fixed point, or fulcrum
13. type of simple machine that is spiral-shaped and pulls two things together
14. a simple machine used to separate something; made up of two inclined planes back-to-back
15. wedge used for chopping wood

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Teachers: Copy this word box on the back of the crossword puzzle, if necessary.

<table>
<thead>
<tr>
<th>Simple Machines Crossword Puzzle: Word Box</th>
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<tbody>
<tr>
<td>(Some words will not be used.)</td>
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<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ax</td>
<td>force</td>
<td>pulley</td>
<td>seven</td>
</tr>
<tr>
<td>bottom</td>
<td>four</td>
<td>rake</td>
<td>shovel</td>
</tr>
<tr>
<td>broom</td>
<td>fulcrum</td>
<td>sail</td>
<td>six</td>
</tr>
<tr>
<td>building</td>
<td>hammer</td>
<td>sail</td>
<td>slide</td>
</tr>
<tr>
<td>cap</td>
<td>inclined plane</td>
<td>scissors</td>
<td>swing</td>
</tr>
<tr>
<td>doorknob</td>
<td>knife</td>
<td>screw</td>
<td>wedge</td>
</tr>
<tr>
<td>five</td>
<td>lever</td>
<td>screwdriver</td>
<td>wheel and axle</td>
</tr>
<tr>
<td>flagpole</td>
<td>nail</td>
<td>seesaw</td>
<td>wrench</td>
</tr>
</tbody>
</table>
ANSWER KEY

Across

1. tool with two levers attached together for cutting paper (scissors)
2. part of a water bottle with a screw (cap)
3. wheel and axle tool that is often used with screws (screwdriver)
4. type of simple machine that is a flat surface with one end higher than the other (inclined plane)
5. wheel and axle device that is turned when you open a door (doorknob)
6. wedge used for cutting food (knife)
7. When you push, pull, or turn something you are applying this. (force)
8. fixed point on a lever that doesn't move (fulcrum)
9. Pulleys are used to raise a flag up this tall object. (flagpole)
10. number of different types of simple machines (six)
11. type of simple machine that is made of a wheel with a rope or chain (pulley)
12. lever that kids sit on; often found on a playground (seesaw)
13. inclined plane that is often found on a playground (slide)
14. type of simple machine that is made of a wheel attached to a rod (wheel and axle)
15. wedge used for chopping wood (ax)
16. pulleys are used to raise this on a sailboat (sail)
17. lever used

Down

2. part of a water bottle with a screw (cap)
3. wheel and axle tool that is often used with screws (screwdriver)
4. type of simple machine that is a flat surface with one end higher than the other (inclined plane)
7. When you push, pull, or turn something you are applying this. (force)
9. Pulleys are used to raise a flag up this tall object. (flagpole)
10. lever that kids sit on; often found on a playground (seesaw)
12. type of simple machine made up of a bar that moves on a fixed point, or fulcrum (lever)
13. type of simple machine that is spiral-shaped and pulls two things together (screw)
14. a simple machine used to separate something; made up of two inclined planes back-to-back (wedge)
15. wedge used for chopping wood (ax)