## Simple Machines

1 P	2 L	Α	N	Е										
	О								3 L					
<sup>4</sup> H	Α	M	М	Е	5 R		6 A		Е					
	D				О		X		V					
			7 A		8 P	U	L	L	Е	Y		9 T		
	10 W	Е	D	G	Е		Е		R			Н		
	Н		V		S							I		
	Е		Α							11 F	I	R	S	Т
	Е		N					12 S		U		D		
	L		13 T	A	С	K	L	Е		L				
			Α					С		С				
			G		14 R		15 D	О	О	R				
	16 S	Е	Е	S	Α	w		N		U				
					M			D		M				
					P									

## Across

1.	A type	of simp	le machine	e is an	inclined	.[5]
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- 4. A lever used by carpenters.[6]
- 8. Simple machine made with a wheel on an axle and a rope.[6]
- 10. Example of an inclined plane.[5]
- 11. Scissors are an example of a \_\_\_\_ order lever.[5]
- 13. Pulley system used by mechanics is a block and .[6]
- 15. Example of wheel and axle is a \_\_\_\_ knob.[4]
- 16. Example of lever in a playground.[6]

## Down

- 2. Weight to be moved by a simple machine.[4]
- 3. A rigid bar that turns freely about a pivot.[5]
- 5. Mechanical advantage of a pulley is the number of \_\_\_\_ supporting the load.[5]
- 6. Type of simple machine is a wheel and \_\_\_\_.[4]
- 7. Effectiveness of a simple machine is its mechanical \_\_\_\_.[9]
- 9. An example of a \_\_\_\_ order lever is a fishing rod.[5]
- 10. Mechanical advantage of a wheel and axle is \_\_\_\_\_ diameter divided by axle diameter.[5]
- 11. Pivot.[7]
- 12. A wheelbarrow is an example of a \_\_\_\_ order lever.[6]
- 14. Example of an inclined plane.[4]