

Simple Machines

1	P	2	L	A	N	E													
			O							3	L								
4	H	A	M	M	E	5	R		6	A		E							
			D				O		X		V								
				7	A		8	P	U	L	L	E	Y		9	T			
	10	W	E	D	G	E			E		R					H			
		H		V		S										I			
		E		A								11	F	I	R	S	T		
		E		N						12	S		U		D				
		L		13	T	A	C	K	L	E		L							
				A							C		C						
				G		14	R		15	D	O	O	R						
	16	S	E	E	S	A	W			N		U							
						M				D		M							
						P													

Across

- A type of simple machine is an inclined ____.[5]
- A lever used by carpenters.[6]
- Simple machine made with a wheel on an axle and a rope.[6]
- Example of an inclined plane.[5]
- Scissors are an example of a ____ order lever.[5]
- Pulley system used by mechanics is a block and ____.[6]
- Example of wheel and axle is a ____ knob.[4]
- Example of lever in a playground.[6]

Down

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