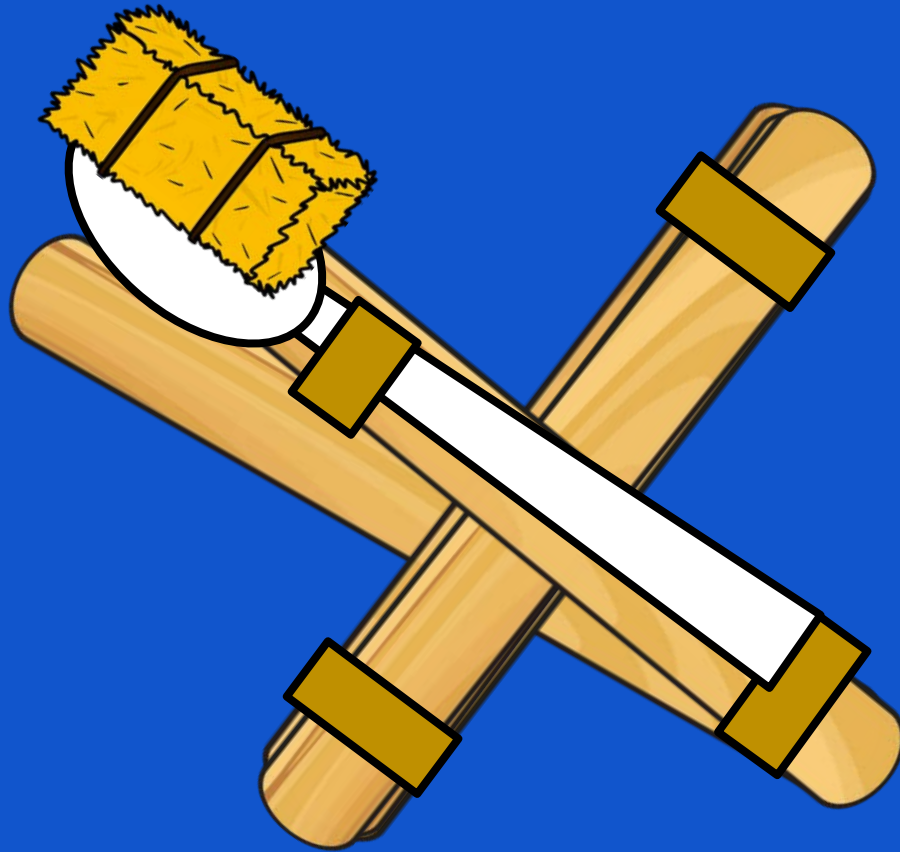


Farm STEM Challenge

Building a Hay Bale Kicker

Created By Deirdre Smith of JDaniel4's Mom



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Name:

Hay Bale Kicker Challenge

Building a Hay Kicker Catapult

Color each step of the algorithm as you complete it.

when run



Stack craft sticks.

Rubber band the two ends of the stack of sticks.

Now make a two stick stack.

Wrap a rubber band around one end of the two stick stack.

Slide the large stack in between the open end of the two stick stack.

Attach a spoon with a rubber band to the top stick in the two stick stack.

Materials:

- Craft Sticks
- Rubberbands
- Plastic Spoon

Catapult Diagram with Supply Labels



Name:

Hay Bale Kicker Challenge



Materials Needed:

- Hay Bale Kicker Catapult
- Hay Bale Item- Square Cereal, Bundle of Straws or Small Block
- Target - Toy Truck, Toy Wagon or Plastic Container

Directions: Record the data from each hay bale kicker attempt in the chart below.

Item Used as a Hay Bale	Distance Traveled	Attempt Was Successful	Adjustments Needed
		Yes No	
		Yes No	
		Yes No	
		Yes No	
		Yes No	
		Yes No	



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What is in the set?

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