

Bread

How old is bread?

What happens at the mill?

Top 5 Ingredients for Bread?

1. _____
2. _____
3. _____
4. _____
5. _____

T-Shirt

What were the first clothes made out of?

Now T-Shirts made from _____

What happens to cotton at the first mill? _____

What kind of mill does the thread go to next? _____

What happens at the factory?



Book

People used to carve words into _____



Later, the Egyptians created scrolls out of _____

Then parchment paper was made out of _____

What are the top ingredients in paper today?

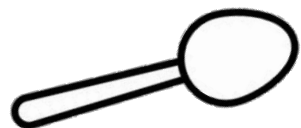
Hints: Iron, Papyrus, Bone, Furniture, Bake, Varnish, Fabric, Grain, Stone, Coke, Wood, Limestone, Glue, Ore, Skins

The first spoons were made of?

1. _____
2. _____

What are the top 4 ingredients used to make spoons today?

1. _____
2. _____
3. _____



Spoon

After trees are cut down, they go to the _____.

Some carpenters make some chairs but others are made at the _____ factory.

What are the two chemicals that go into making a chair?



Chair

1. _____
2. _____

Name one thing people used before drinking from glasses

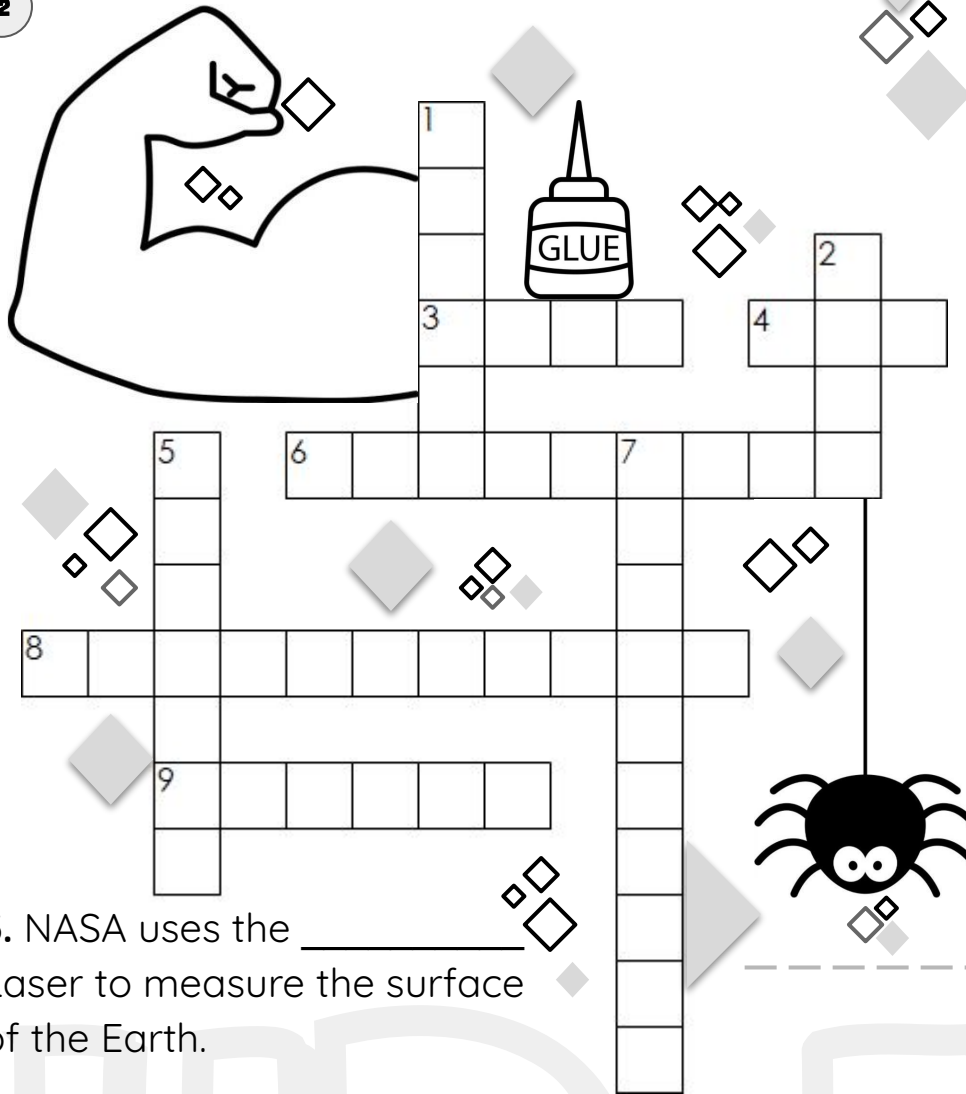
_____ Around what year was glass first made? _____

How many years ago was glass blowing invented? _____

What is used in making glass and spoons?

Glass





3. NASA uses the _____ Laser to measure the surface of the Earth.
4. The Saturn V rocket ran on _____ & Kerosene.
6. To escape a _____ you would need to travel 186,282 Miles Per Second (299,792 km/p/s).
8. A 4 inch square post of _____ Wood can hold up to 160,000 lbs (73,000 Kg).
9. _____ have five or six rows of teeth

Which is stronger?

(Draw an arrow pointing to the stronger of each option)

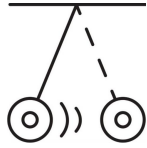
- Spider Silk Steel
- 20 Ft Thick Wall Bulldozer
- Earth's Gravity Black Hole's Gravity
- Sun's Magnetic Field Fridge Magnet
- Shark Bite A Shark Sized Human Bite
- Caulobacter Crescentus Bacteria Strongest Glue In The World
- Trebuchet Catapult

1. The Allies broke the German's _____ code in World War II.
2. People have been in using _____ for the last 19,000 years.
5. The _____ D575A has enough muscle to push more than 480,000 pounds (218,000 Kilograms).
7. _____ is the unit of measurement used to describe how powerful a car is.

Rube & Simple Machines

(Use Rube Goldberg's Simple Normal Humdrum School Day to match each simple machines A-G with the clues below.)

Pendulum



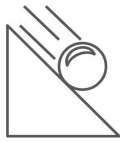
A

Wedge



B

Inclined Plane



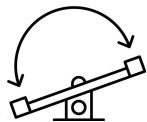
C

Pulley



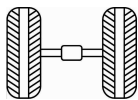
D

Lever



E

Wheel/Axel



F

Spring



G

1. Between the towel and the glove in Rube's bedroom is a ____.
2. Which simple machine allows the laundry basket to raise and lower? ____
3. The eggs and toast both slide down a ____.
4. The rope was cut by two ____ stuck together by a lever,
5. The gumballs fill up a bucket to stretch the ____.
6. Rube can ride his skateboard into class because it has a ____ & ____.
7. The paintbrushes are attached to an ____
8. The basketball is thrown from the hand because a ____ pushes it
9. The book was knocked off the shelf by the planet was actually a ____.
10. There are seven ____ used to play with Rube's dog.
11. Rube's pottery homework is spinning on a ____.
12. The banana hits the ____ hiding inside the umbrella button.
13. The gears move because they are attached to an ____ rod.
14. A light switch is a ____.

Mill

Draw a line from the words below to the correct place.

Mills take raw goods and turn them into materials that factories can use, like *sugar cane*



Sugar Cane

Sugar

Tree Logs

Sand

Flour

Wheat

Cotton

Fabric

Limestone

Steel

Factory

Factories take materials from the mill and make the final product, like *candy canes*



Read or
watched

Fact
(True Story,
Real Life)

Fiction
(Imaginary,
Made Up)

Check List!

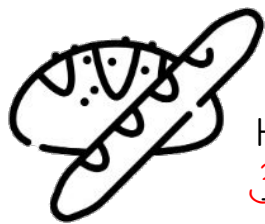
How Strong Is It?

Rube Goldberg's Simple
Normal Humdrum School
Day

How Things Are Made

How It's Made - The Fun Stuff

The **600-699** is the Technology section of the Dewey Decimal System. It is where you will find information about how humans have developed things for our own use. The **620-629** section is about designing, building, and using engines, machines, and structures, AKA engineering.



Bread

How old is bread?
30,000 years

What happens at the mill?

Top 5 Ingredients for Bread?

- Rye
- Wheat
- Yeast
- Salt
- Water

T-Shirt

What were the first clothes made out of?
Animal Skins



Now T-Shirts made from Cotton

What happens to cotton at the first mill?

What kind of mill does the thread go to next? Weaving

What happens at the factory?

They sew the t-shirt

Book

People used to carve words into Stone



Later, the Egyptians created scrolls out of Papyrus

Then parchment paper was made out of Animal Skin

What are the top ingredients in paper today?

Wood, Rags, Old Paper

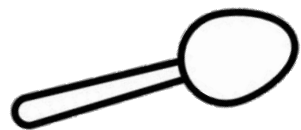
Hints: Iron, Papyrus, Bone, Furniture, Bake, Varnish, Fabric, Grain, Stone, Coke, Wood, Limestone, Glue, Ore, Skins

The first spoons were made of?

- Bone
- Wood

What are the top 4 ingredients used to make spoons today?

- Iron Ore
- Coke
- Limestone



Spoon

After trees are cut down, they go to the

Saw Mill

Some carpenters make some chairs but others are made at the

Furniture Factory factory.

What are the two chemicals that go into making a chair?



Chair

- Glue
- Varnish

Name one thing people used before drinking from glasses

Hands, Horns, Leather, Wood, Iron

Around what year was glass first made? 3500 BC

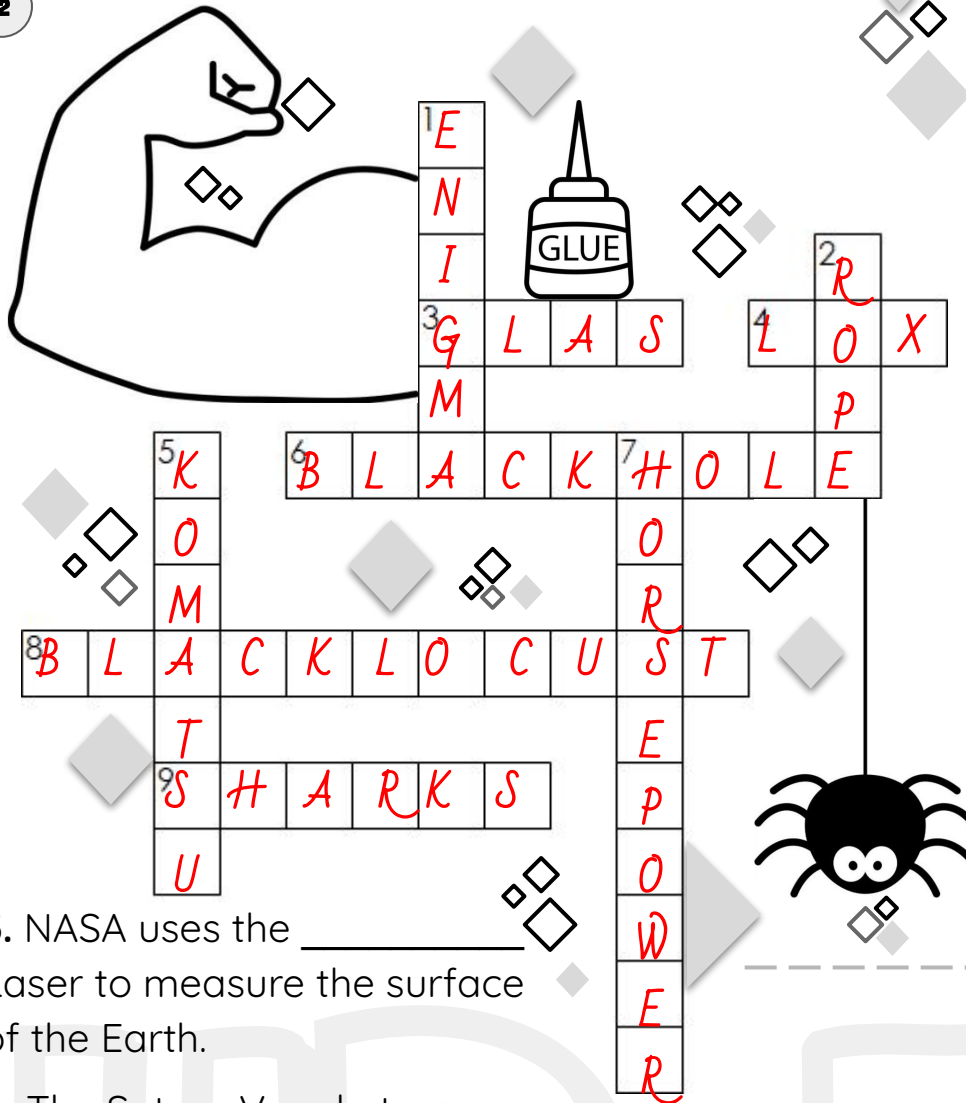
How many years ago was glass blowing invented? 2000 years

What is used in making glass and spoons?

Limestones

Glass





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6. To escape a _____ you would need to travel 186,282 Miles Per Second (299,792 km/p/s).
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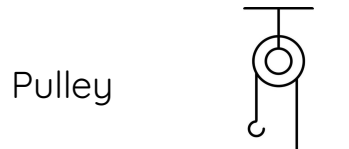
A



B



C



D



E



F



G

- Between the towel and the glove in Rube's bedroom is a E.
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- The rope was cut by two B stuck together by a lever,
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- The basketball is thrown from the hand because a G pushes it
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- There ~~A~~ are seven ____ used to play with Rube's dog.
- Rube's pottery homework ~~A~~ is spinning on a ____.
- The banana hits the ____ hiding inside the umbrella button. ~~F~~
- The gears move because ~~G~~ they are attached to an ____ rod. ~~F~~
- A light switch is a ____.

E

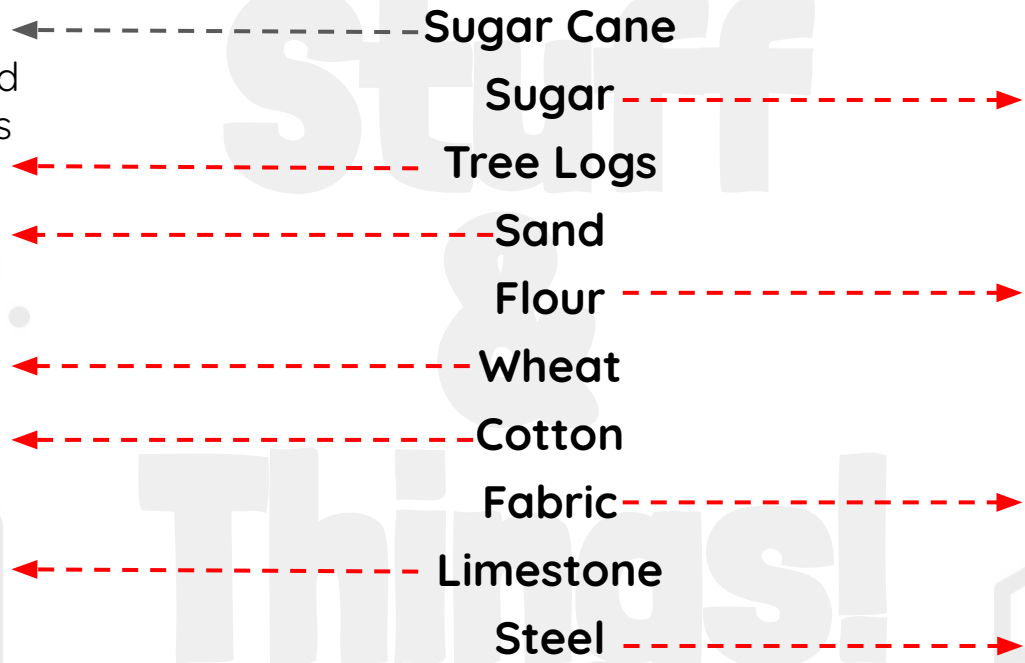
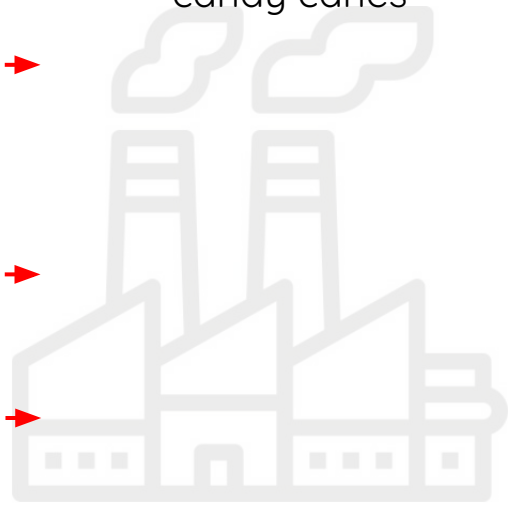
MILL

Draw a line from the words below to the correct place.

Mills take raw goods and turn them into materials that factories can use, like sugar cane

Factory

Factories take materials from the mill and make the final product, like candy canes



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Fact (True Story, Real Life)

Fiction (Imaginary, Made Up)

Check List!

- | | | |
|--------------------------|--------------------------|--------------------------|
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| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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