

Summer Science: How To Build A Campfire

THE FIRE TRIANGLE

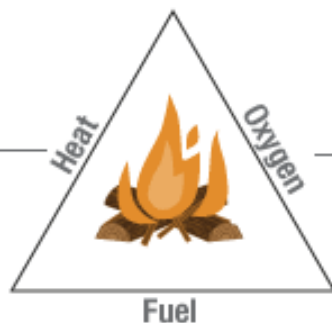
Fires need these three things:



Matches



Lighter



1 TINDER



Dry leaves



Pine needles



Paper



Lint or cotton balls

2 KINDLING



Twigs, sticks, small branches

3 CHOPPED WOOD

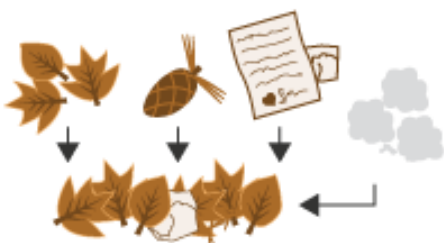


Firewood
(thicker than 3 inches)

STEP ONE

Make a loose pile of tinder. **1**

TIP: Don't pack too tightly. Air needs to get to all parts of the fire.



STEP TWO

Build a tepee with the kindling **2** around the tinder. Start with the small twigs first.



STEP THREE

Light the tinder from all sides.

TIP: You can blow gently on the fire to get it going. Fires need lots of oxygen.



STEP FOUR

As the fire grows, feed it with branches and eventually firewood. **3**

Enjoy!



STEP FIVE

Put out the fire by cutting one of the sides of the fire triangle. You can do this by covering it with sand or dirt, dousing it with water or letting wood burn out.

Make sure it's cold before you leave!



Sand or dirt



Water



Let wood burn out



How to make fluffy slime

Ever feel stressed or just have lots of glue? Then follow these very simple steps to make a fluffy, big slime

Ingredients

you will need

- white pva glue
- shaving cream (any kind will do)
- foaming hand wash
- borax
- water

Procedure

1. First off, you will need to boil some water. Once that's boiled, put **one** teaspoon of borax into the water. Let it cool down.
2. Now, you get your glue and pour as much as you want into a bowl.
3. For the fluffy feel, add **lots** of shaving cream, stir slowly for more bubbles.
4. Now add your foaming soap. Only three squirts will do.
5. This is optional, but you can add one or two drops of food colouring. Mix well
6. Now for the borax. When pouring in the activator (borax) only add **very** little at a time.
7. When mixing with the borax, the stuff will start to join into slime. Keep stirring once you get to the consistency you want.
8. Here comes the fun part. Grab the mixture out from the bowl and start kneading until it isn't sticking to your hand.

Afterwards, store in an airtight container and store in the fridge for an hour.
Enjoy your fluffy slime!

How to make a Paper Kite!

1. What you'll need:



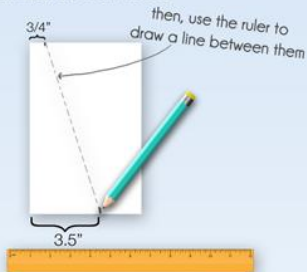
2. Fold the paper:

fold the paper down the middle (hamburger style)



3. Measure and mark:

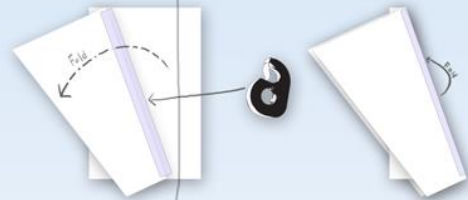
top: mark 3/4" from the fold
bottom: mark 3.5" from the fold



4. Fold back wings:

fold along your angled line and tape the seam...

...then fold down the other wing so it is even.



5. Add some support:

lay the kite out flat and tape the bamboo skewer from corner to corner



6. Punch a hole:

flip the kite over and punch a hole for the string. also, reinforce the hole with tape.



7. Prepare for flight:

tie the string through the hole and tape about 82" of flagging tape for a tail to help it soar nice and stable!



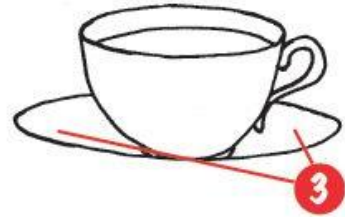
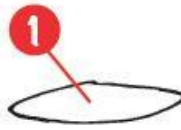
8. Have fun!





How to draw a Cup of Tea

1. Draw an ellipse for the mouth of the cup.
2. Draw the the sides of the cup and the handle.
3. Draw two wings either side of the cup to make the saucer.
4. Draw the base of the cup and the underneath of the saucer.
5. Design a cool pattern for your tea cup!
6. Now go and have a nice cup of tea!



ShooRayner

Learn to draw more stuff at
www.shoorayner.com