

FAKE IT TILL YOU MAKE IT

FIRE STARTER

MATERIALS:

- A dry wooden board
- String
- Flexible, but rigid, stick (bow)
- A dry, short rigid stick (drill)
- Dry-grass/hay/straw/ leaves/moss
- a small piece of wood which allows you to put pressure on the drill

THEORY:

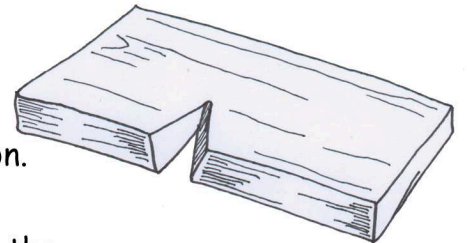
By creating enough friction you can make an ember, which you can use to start a fire.

STEPS:

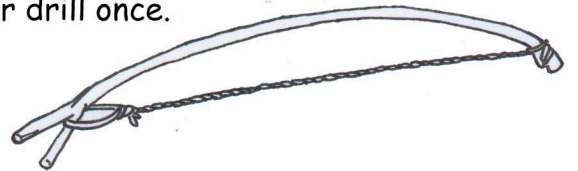
1. Sharpen the ends of your short rigid stick; you'll be using this as a drill.



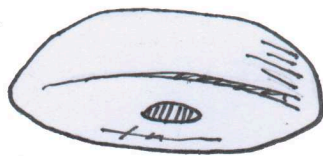
2. Cut a notch in your board. You'll need to turn the drill against the sides of this notch in order to create friction.



3. Make a bow out of your flexible, but rigid, stick by tying the rope to each end of the stick. The rope should pull your stick into a curve, but not to much as you'll have to wrap the string around your drill once.



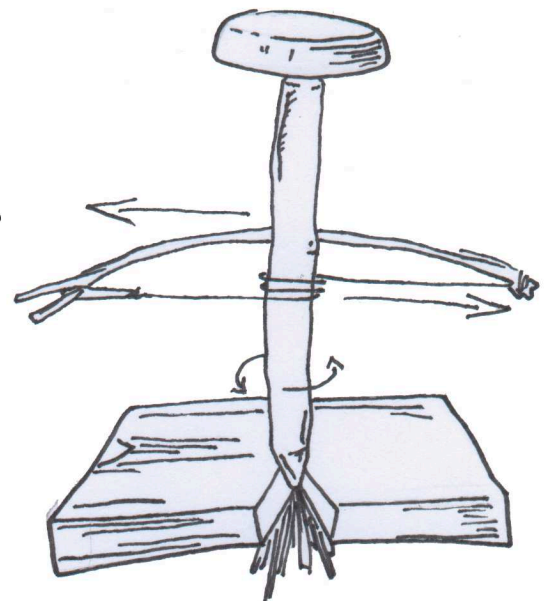
4. Put a small indentation into the bottom of the piece of wood you've chosen to put pressure on your drill.



Now put all of the steps together as shown in the illustration to the right:

- Place your board with the notch cut out of it over your dry-grass/hay/leaves/straw/moss.
 - Take one end of the bow-string off the bow and wrap it around the drill once or twice and then re-attach the bow-string to the bow.
- Put the tip of the drill into the notch of the board and the drill-holder over the top of the drill.

5.



6.

Move the bow back and forth to spin the drill in the notch. When you start to see smoke, blow gently onto your dry fire material - this should produce a small flame.

* only you can prevent forest fires.