

## IMPORTANT

The wire trigger isn't sharp but it could still damage your eye were you to bend over your trebuchet without thinking.

### TAKE GREAT CARE

When not in use either disconnect the bucket so that the arm lies flat OR place a cork or piece of expanded polystyrene over the end of the wire.

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## TEMPLATE FOR 'A' FRAMES

# Throwing things

Once you have built your trebuchet you will want to see it in action - so here's what to do.

First bend the trigger 'upwards' (with the arm held horizontal) about 15 - 20 degrees, just guess!

Place the small ring that's on the free end of the sling cord over the trigger wire. It should be a loose fit. If it isn't then use pliers to make the trigger loop narrower.

Put your projectile\* into the centre of the sling and pull the arm down so that the sling is on the slide.

**LET GO!** If the ball flies low and flat straighten the trigger wire a little so that the sling is released sooner. If the ball flies up too steeply then bend the trigger wire a little more.

\*PROJECTILES - Small round gravel stones will work well. For setting up you are best with something smooth such as a marble or large wooden bead.

**DON'T** use a marble indoors - something is sure to get broken!