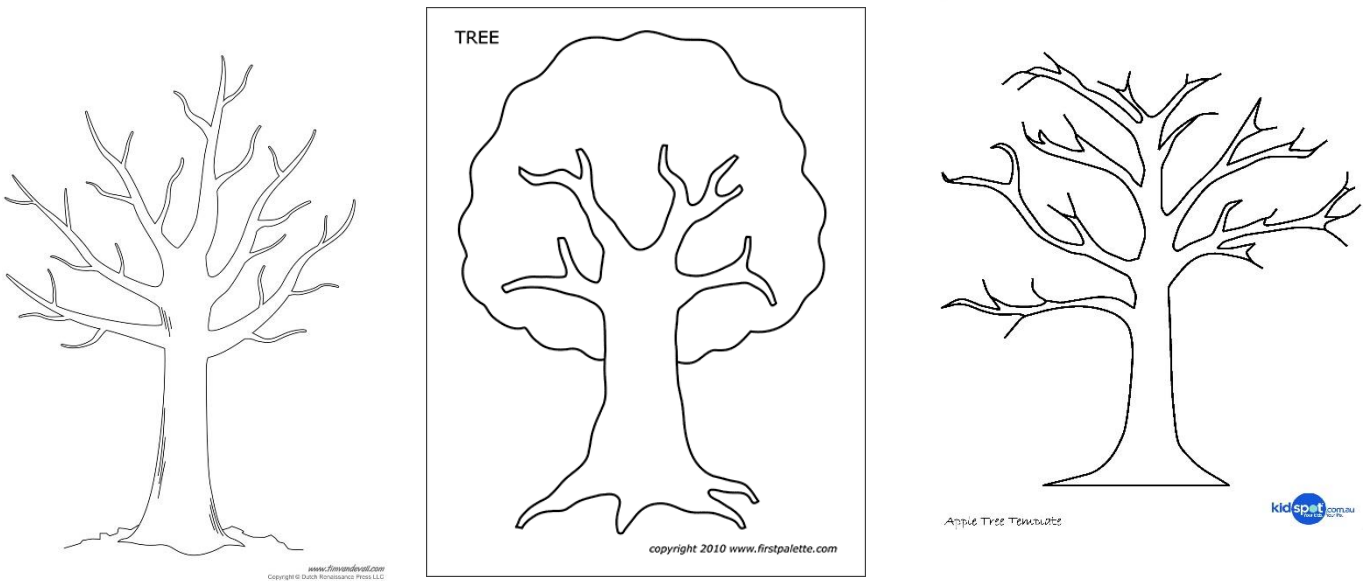


Activity 1: Chlorophyll Paintings

For this project you will need:

- Some fresh leaves
- A white sheet of paper/ A printed off tree template
- A metal spoon

Step 1: Draw or print off a tree with no leaves. A few templates are shown below.



Step 2: Fold your paper in half.

Step 3: Place several leaves between the folded paper.

Step 4: Press firmly on the leaves between the pages and rub with a metal spoon. Avoid plastic spoons as they break when pressed as firmly as necessary.

When you open the paper you will notice the leaves have released chlorophyll and you'll have green patterns left on your paper.

Step 5: Now try balling up the leaves and rubbing it against the paper like a paint brush. Does this release more chlorophyll?

Try this with a few different leaves and record what you find, what leaves release more chlorophyll? Why do you think some release more than others? What is chlorophyll?



Activity 2: Colour Changing Flowers

For this project you will need:

- A piece of paper to note what you find out/ recording sheet (see below)
- White flowers (carnations work best)
- Liquid food colouring
- Cups and water

Instructions:

1. To start you will want to trim down the stems of the flower so they fit your cups or glasses.
2. Add water to each cup.
3. Then put about 10-15 drops of food colouring in the water and stir around a bit.
4. Add at least one carnation to each glass of coloured water.
5. Check in on the flowers every couple of hours and observe any changes.

Some Things to Record:

- What happened?
- Why do you think this happened?
- What do you think this means?



Color Changing Flowers

What I think will happen:

What I observed:



What I learned:

Activity 3: Natural Paint Brushes

For this project you'll need:

- Several twigs
- String, twine or thread
- Materials for bristles (pine needles, spruce needles, cypress foliage, even tree buds etc)
- Optional: a rubber band

Instructions:

1. Choose what plant you want to use for your bristles.
2. Place around a twig that will become the handle for your paintbrush.
3. Tie the bristles in place with string, twine or thread and secure with a rubber band if you have one.

You now have a natural paint brush! Why not make a few and see what different patterns you can make from different plants?



Activity 4: Paper Cacti

For this project you'll need:

- Printable Cacti Template (see below)
- Colourful Card or Paper
- Scissors
- Glue
- Ruler
- Pencil

Instructions:

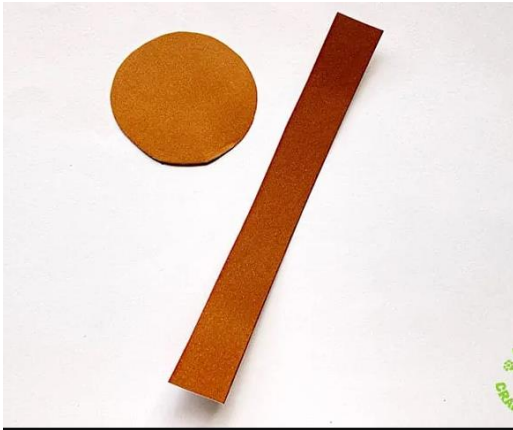
1. Print or copy the cacti template and trace around it onto coloured card or heavy paper. You'll need 3 or four cacti stems for each craft. There are two designs to choose from.
2. Fold the cacti stems in half lengthways.



3. Apply glue to one half of a folded cacti stem.
4. Glue the stem to another folded stem.
5. Repeat until you have the cacti shape you like.



6. Make the plant pot.
7. Trace around the circle and long oblong template onto coloured cards



8. Glue the long rectangle around the circle to make a little pot. We found this easier with quick drying glue.



9. Apply glue on the bottom of the cacti, then glue it into your plant pot.
10. If you want you can cut some little cacti flowers out of coloured paper and glue them on too.



3D CACTUS CRAFT

