

# Pre and Post Lesson Activity Ideas

TOPICS

PAPER MAKING

KEY STAGE

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## Pre Lesson Activity Ideas

### What comes from trees?

Brainstorm all the things that come from trees. This could be a very extensive list and could do with some research but try to get paper to be included. Web sites that might help:

- [www.idahoforests.org/wood\\_you.htm](http://www.idahoforests.org/wood_you.htm) - list of products from trees, quite extensive so will give you ideas, remember it is an American site.
- [www.fsc-uk.org/wp-content/plugins/downloads-manager/upload/s%20Activity%20Sheets\\_MB\\_UK.pdf](http://www.fsc-uk.org/wp-content/plugins/downloads-manager/upload/s%20Activity%20Sheets_MB_UK.pdf) - Worksheets for younger children on what comes from trees.

### How do we use Paper?

Find as many uses for paper as possible and collect the examples to make a display. For ideas see:

- [www.paper.org.uk/information/factsheets/paper\\_and\\_its\\_uses.pdf](http://www.paper.org.uk/information/factsheets/paper_and_its_uses.pdf)

What would life be like without any paper? Get children to imagine how this would be and how they would communicate this without paper!

## Post Lesson Activity Ideas

### Paper making techniques

Research how paper is made commercially and how it relates to homemade production. What else is added to make paper? Can any of these processes be done with homemade paper to improve the quality?

Useful web sites:

- [www.paper.org.uk/information/pages/information.html](http://www.paper.org.uk/information/pages/information.html) - web site with lots of information about paper, its production and recycling, ideas for children and resources for schools, worth a look.
- [www.forestprod.org/cdromdemo/pf/pf8.html](http://www.forestprod.org/cdromdemo/pf/pf8.html) - schematic of how paper is manufactured.

### Different types of paper

Why wood is used to make paper and what are the alternatives?

Research all the different things paper can be made from.

- [www.egyptian-papyrus.co.uk/](http://www.egyptian-papyrus.co.uk/) - Information on papyrus
- [www.creativepaperwales.co.uk/](http://www.creativepaperwales.co.uk/) - fun site on paper made from sheep poo.
- [www.ecomaximus.co.uk/how-elephant-dung-paper-is-made.htm](http://www.ecomaximus.co.uk/how-elephant-dung-paper-is-made.htm) - elephant poo paper

You can do experiments to test properties of different types of paper such as strength, absorbency to water and ink. For ideas see:

- [www.paper.org.uk/information/school\\_resources/thingstodo\\_experiments.pdf](http://www.paper.org.uk/information/school_resources/thingstodo_experiments.pdf) - Instructions on some experiments with paper.

## Pre Lesson Activity Ideas

### Origami

Japanese craft of folding paper into a sculpture. This can be explored and practiced with children using ideas from books or from the web:

- <http://en.wikipedia.org/wiki/Origami> - information on the subject
- [www.origami-fun.com/](http://www.origami-fun.com/) - ideas and instructions
- [www.origami-instructions.com/](http://www.origami-instructions.com/) - ideas and instructions
- [www.britishorigami.info/](http://www.britishorigami.info/) - the British origami site
- [www.paperairplanes.co.uk/](http://www.paperairplanes.co.uk/) - instructions on how to make a variety of paper aeroplanes.

Try using different types of paper and size to make huge or tiny sculptures.

## Post Lesson Activity Ideas

### Recycling

How is paper recycled? How is it different to normal paper production? Is it better for the planet? Can you communicate this to the school to encourage paper recycling. Do you use recycled paper at school / home?

- [www.recyclenow.com/why\\_recycling\\_matters/how\\_is\\_it\\_recycled/paper/index.html](http://www.recyclenow.com/why_recycling_matters/how_is_it_recycled/paper/index.html) - How paper is recycled plus general recycling information and resources for school.

### Writing on the paper

Use the paper made at Rosemoor for creative writing or poems.

### Art ideas

- *Collages* - make collages using magazines, scrap paper, coloured paper or natural material collected from around the school
- *Stain Glass* - using tissue paper and acetate / sticky back plastic / PVA glue.
- *Tissue lanterns / sculptures* - using willow frames, PVA glue and tissue
- *Paper mache* - use variety of object as frames to produce paper mache objects (e.g. balloons for masks, chicken wire for sculptures, bowls for ...bowl shapes! etc)
- *Paper masks* - make animal, African or anything from paper. See web site for ideas: [www.engagetoday.org.uk/playtime/crafts/animal-masks](http://www.engagetoday.org.uk/playtime/crafts/animal-masks)
- *Cardboard box* - make a jigsaw using old cardboard. The picture could be related to paper uses, tree uses or paper making. A class exercise with each person or group responsible for cutting and painting a piece.
- *Christmas* - make paper chains, cards, wrapping paper or paper mache baubles.