

1. Welcome to Tool Box Design and Technology Project: Introduction for Pupils

This resource is part of the [Tool Box](#) series by AccessArt, which shares design and technology project ideas via a series of lesson plans.

Two videos to welcome and introduce pupils to the Tool Box Design and Technology Project. Please note a transcript of the videos is contained below each film.

Please note this page contains videos housed on You Tube. If your school blocks You Tube AccessArt would be happy to provide an email to confirm the integrity of these videos. [Please email us here.](#)

Welcome to Tool Box

"We've got a great challenge for you here at Tool Box. Over the next few weeks we're going to work with you to help you design and make a series of games – the kinds of games you might see at a fair or fete. You're going to be using your hands a lot, trying out new materials, new techniques and new tools. We hope you're going to have lots of fun, and best of all once you've made the games, you could think about holding a games afternoon at your school and try out your spectacular ideas on your friends!"

Introduction

"Tool Box is all about Designing through Making. What do we mean by designing through making? Well let's start with the "design" bit. When we talk about design, we're talking about deciding how something will be: how it looks, how it works, how it stands, what it's made out of, how big it is, what it's

texture is, how it will be used, who it's for... Look around – think of all the things around you which have, at some point, been designed by someone: the chairs, the computers, the windows, the buildings, toys, your clothes... Someone, somewhere has put a lot of thought into how these things will be.

So what about the “making” bit of “design through making”? Well, we want you to have plenty of chance to get to grips with all the materials, tools and methods we're going to introduce you to. This is a hands-on project – and we want you to get stuck in, experiment, learn as you go, and think through doing. So rather than take some paper and draw a picture of what your game might be like, and then try to make it, we'd like you to design your game as you go along – Design through Making. And we'll help you with this – it's a fun way of working we promise!"

Next Visit:

[Materials](#)

This is a sample of a resource created by UK Charity AccessArt. We have over 1500 resources to help develop and inspire your creative thinking, practice and teaching.

AccessArt welcomes artists, educators, teachers and parents both in the UK and

overseas.

We believe everyone has the right to be creative and by working together and sharing ideas we can enable everyone to reach their creative potential.

Drawing Storyboards with Children

Story Boards are a great opportunity to developing both drawing skills, and visual story telling skills and kids love them! [Full AccessArt Members Only](#)

Tool Box – Notes for Teachers

Tool Box will give children the chance to become more confident, dexterous and articulate in the way they translate their thinking into action, through a series of stages from research through to design and marketing.

Making Sketchbooks: An Introduction

Making sketchbooks is an excellent way to introduce your group (adults and children) to using a sketchbook. This post describes a variety of simple ways to make your own sketchbooks all of which can help nurture ownership of learning. Highly recommended by teachers across all key stages.

Sketchbook Activities, Behaviours & Skills

Overview of the kinds of activities which might be encouraged in sketchbooks.

Making a Shy Drawing – Drawing Exercises for Beginners

Find out what a “shy drawing” is and how it can help you focus. These exercises and suggestions provide a focus which enables pupils and teachers to explore different aspects of making a drawing, including sound, action and intention. [Full AccessArt Members Only](#)

Drawing Speed

Sketchbook Exercise Ideas: Starting with Magazine Imagery

You Might Also Like...

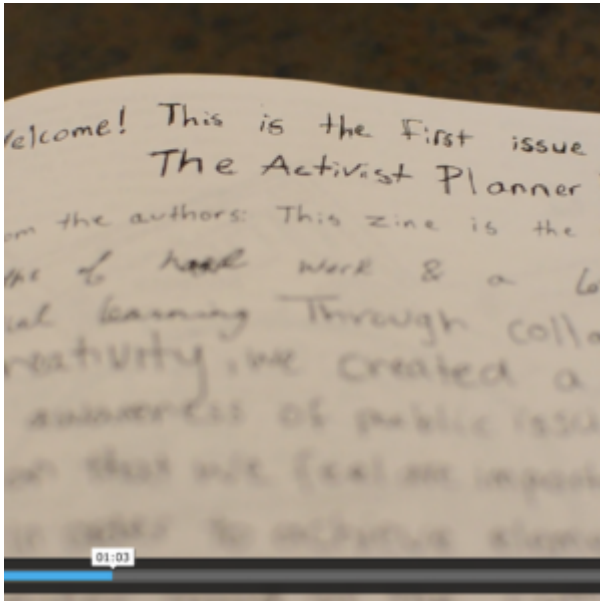
Pathway: Print & Activism



[This is featured in the 'Print &](#)

Activism' pathway

Talking Points: What is a Zine?



Displaying Sketchbooks

Helpful advice about how teachers/schools/education rooms can display sketchbooks and embrace their unique qualities.

Sketchbook Teaching Tips

Tips and advice relating to best teaching practice when using sketchbooks in schools

Jonathan Ford – Sculptor's Sketchbooks

Jonathan Ford shares his sketchbook pages. See from initial sketchbook pages to finished sculpture.

Felix Liebig – Sketchbook of an Architect

Debbie Greenaway – Examples of artists sketchbooks

Artist Debbie Greenaway shares some of her sketchbook pages and inspires us with the processes which help her find inspiration all around.

Rob Gill – Illustrators Sketchbooks

Gemma Longbottom – Animators Sketchbook

Animator Gemma Longbottom shares her sketchbook.

Isabella Whitworth – A Textile Sketchbook Ideas

Isabella Whitworth – textile artist, shares her sketchbooks and sketchbook approach with us.

Sketchbook Ideas for Primary Schools – A Shared Sketchbook Inspired by Words

This activity can be used to enable pupils to work independently to create pages which are then tied together to create a beautiful, eclectic shared sketchbook. [Full AccessArt Members Only](#)

Sketchbooks for Designers – An Introduction for Children

This module explores how sketchbooks can be a vital tool in any design process – whatever pupils are designing. Includes a module for pupils and teachers notes. [Full AccessArt Members Only](#)

Doodle Ball: a 3-D Drawing Exercise for Active Learners

Doodle Balls are a great way to experiment with drawing on a 3 dimensional surface. They are also great for active learners – people who need to fiddle or doodle whilst they think. [Full AccessArt Members Only](#)

Introduction to Composition in Drawing

Illustrator Yumi Okudo shares an exercise which can help students explore concepts of scale and composition. [Full AccessArt Members Only](#)