DT

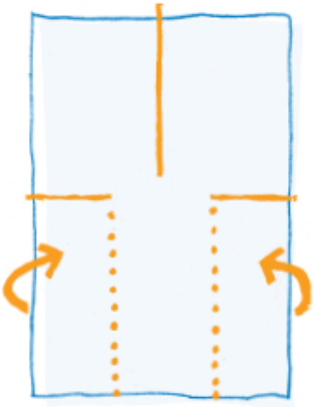
DESIGN AND BUILD A HELICOPTER

The brief

Design and build a helicopter using only paper and paperclips.

The method

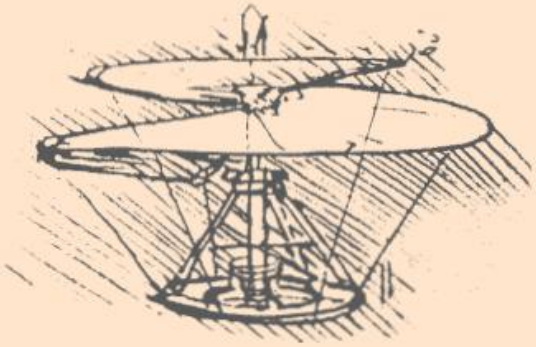
1. Take a piece of paper and make three cuts as shown in the illustration. Then fold the paper in on itself at the bottom half – use a paper clip to keep the sides together.
2. Fold the two halves of the remaining paper away from each other, to form the helicopter blades.
3. Stand carefully on a chair and drop your helicopter, making sure it stays upright as you let go!



We would love to see any photos of your designs.
If you have enjoyed building your own helicopter and you would like to learn more, then you might like to research these two inventors.

Design icons

Juan de la Cierva's Cierva C.8.



Leonardo da Vinci's Aerial Screw.

Music

Follow this link and watch this video on pulse and rhythm:
https://www.bbc.co.uk/bitesize/topics/zcbkcj6/articles/z2mqw6f
Then compose your own pulse and rhythm piece just like the people in the video and record it like my example. You may want to clap your composition.

Use the dot, line method to write out your rhythm and add the pulse.

Rhythm:

Pulse:

Art

This week have a go at some homemade printing. Give your patterns a theme. Below, the theme is of a striped design. You might like to try swirls or waves. Repeat the pattern with your print to cover the surface fully.

The website below has lots of ideas. Some you might like to try are: leaves, string, bubble wrap, potato/carrot, cardboard.

https://artfulparent.com/printmaking-ideas-kids/

Here's a video of how you could try making your own homemade paint.
https://www.youtube.com/watch?v=iwacEM9OAIU

P.E.

These simple exercises are a great way to improve kids' cardiovascular fitness, strength and flexibility, as well as boost their energy levels.

If they do this workout up to four times a week, the exercises will become easier and they'll feel fitter – so get your kids to give it a try.

https://www.nuffieldhealth.com/article/15-minute-workout-for-kids