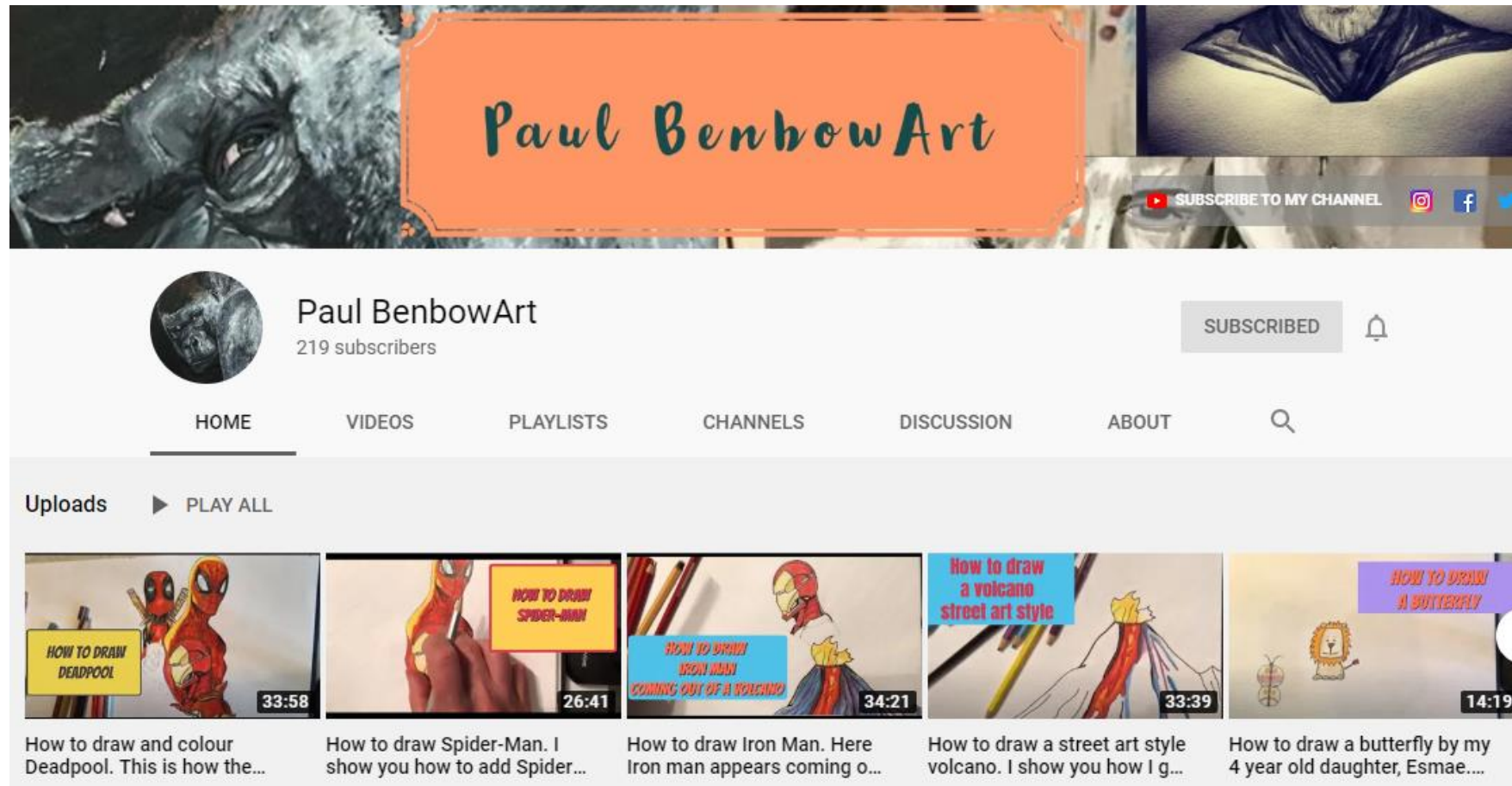


Week 3 - Creative Challenges

@ChallengeAHCC

Choose one of Mr Benbow's How to Draw videos on youtube and have a go.



Paul BenbowArt
219 subscribers

SUBSCRIBED

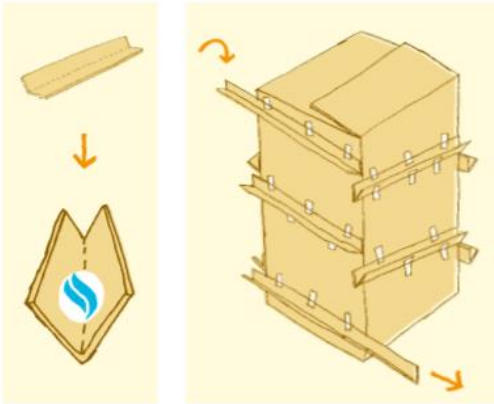
HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads ▶ PLAY ALL

- HOW TO DRAW DEADPOOL** 33:58
How to draw and colour Deadpool. This is how the...
- HOW TO DRAW SPIDER-MAN** 26:41
How to draw Spider-Man. I show you how to add Spider...
- HOW TO DRAW IRON MAN COMING OUT OF A VOLCANO** 34:21
How to draw Iron Man. Here Iron man appears coming o...
- How to draw a volcano street art style** 33:39
How to draw a street art style volcano. I show you how I g...
- HOW TO DRAW A BUTTERFLY** 14:19
How to draw a butterfly by my 4 year old daughter, Esmae....

Send your pictures to challengeahcc@allhallows.org.uk

MARBLE RUN



Materials

Large cardboard box

Cardboard struts

Tape

Marbles

Scissors

(with adult supervision)

The brief

Use a cardboard box and cardboard struts to create a marble run. The marble must run for 60 seconds.

The method

1. Use tape to attach the cardboard struts to the cardboard box, creating a run for the marble.
2. Place the marble at the top of the run and time how long it takes for it to reach the bottom.
3. Keep improving your design until the marble takes exactly 60 seconds to reach the bottom.

Top tip

If you can't find cardboard struts, make your own by folding four inch wide strips of cardboard in half to create a V shape.

How does it work?

To help you to control the time your marble takes to run its course you'll need to consider a few factors:

Potential energy =
 $\text{mass} \times \text{gravity} \times \text{height}$

The heavier your marble and higher your slope, the more energy your marble will have.

Friction

The rougher or stickier the surface, the slower your marble will travel.

Angle of the slope

The less steep the angle of the slope, the longer the marble will take to reach the bottom.

CARDBOARD CHAIR

The brief

Construct a chair that you can sit on using only cardboard. No glue, tape or other fixing materials allowed.

The method

1. Write down or sketch some ideas as to how you will construct the chair.
2. When you are planning, think about using cones, interlocking sheets, spirals, tubes – or even using strips of card like sewing thread.
3. Use the materials to create a chair made from cardboard.
4. If your first design doesn't work, evaluate what went wrong and try again.

Top tip

Think about structure.

Materials

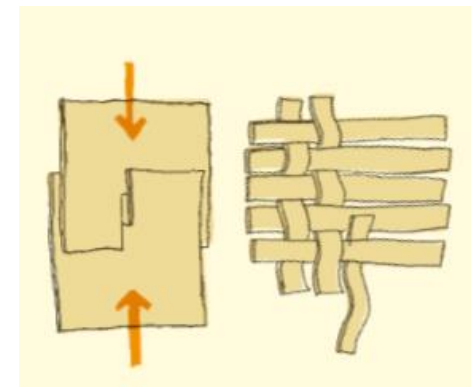
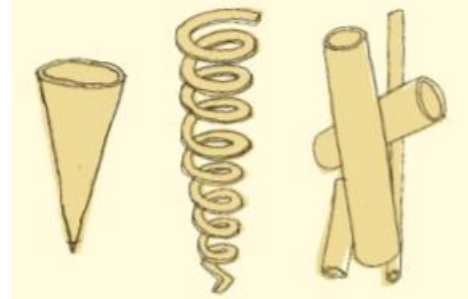
Cardboard

Cutting equipment
(with adult supervision)

Rulers

Pencils

Examples of different structures:



Week 3 - Creative Challenges

@ChallengeAHCC



Make finger puppets from anything you can find at home and make a short film about lockdown life. Send your videos to

challengeahcc@allhallows.org.uk

