

PILOTS

Recommended age: At least 6 years old

Difficulty level: 😊😊

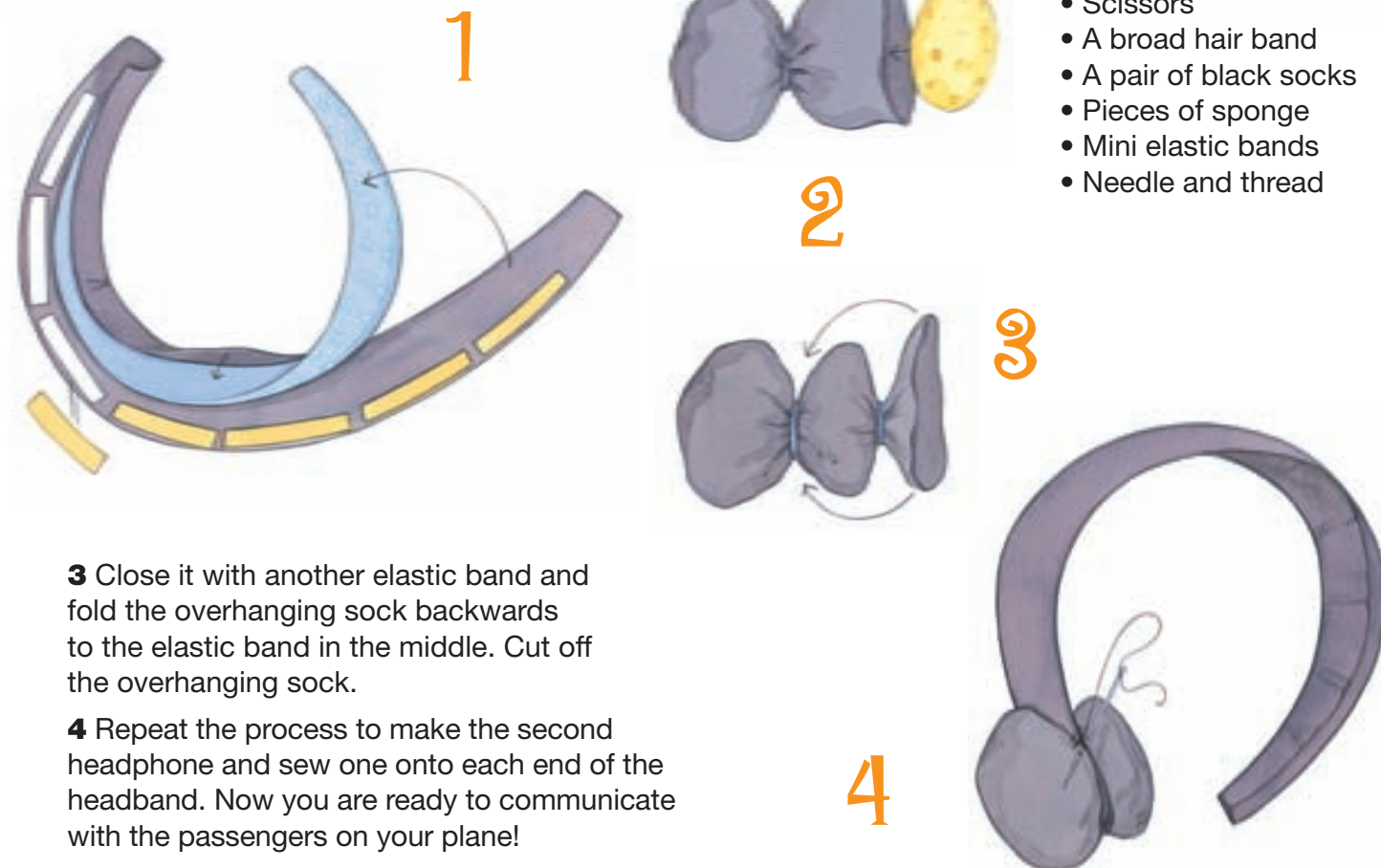
HEADPHONES

1 Cover the headband with the fabric-covered paper. Flatten it down well on the inside with the help of some double-sided sticky tape.

2 Place a piece of sponge inside a sock and close it with a mini elastic band. Place a second piece of sponge inside.

Materials:

- Fabric-covered paper (or black rubber)
- Golden or silver ribbon
- Double-sided sticky tape
- Scissors
- A broad hair band
- A pair of black socks
- Pieces of sponge
- Mini elastic bands
- Needle and thread



3 Close it with another elastic band and fold the overhanging sock backwards to the elastic band in the middle. Cut off the overhanging sock.

4 Repeat the process to make the second headphone and sew one onto each end of the headband. Now you are ready to communicate with the passengers on your plane!

STRIPES

1 Cut out two rectangles the same size from black material covered paper. Stick on some strips of golden ribbon (slightly longer than the rectangle), using double-sided sticky tape.

2 Fold the overhanging ends of ribbon underneath. Apply a piece of double-sided sticky tape over them, in order to be able to stick them onto the shoulders of your shirt.



What should you know if you want to be a pilot?

They pilot a plane, are responsible for flying it and make all the necessary decisions to reach the destination. They prepare a lot by studying and taking exams and have to be subjected to a lot of inspections, because they have a great responsibility. They make contact with the control tower to take off and land and when problems occur, they act very quickly!



"Good morning, ladies and gentlemen. Captain X speaking. The duration of the flight will be one hour and twenty-five minutes. We will fly at an altitude of 33,000 feet and a velocity of 900 kilometers per hour. Enjoy the trip and we hope to see you on board again."



DRESSMAKERS

Recommended age: At least 8 years old

Difficulty level: 😊😊

PIN CUSHION

1 Cut out a square piece of fabric. Place the sponge in the middle and join the four corners together by sewing them. You will end up with a round cushion.

2 . Stick it onto the lid of the jar and apply some tape around it, all using double-sided sticky tape.



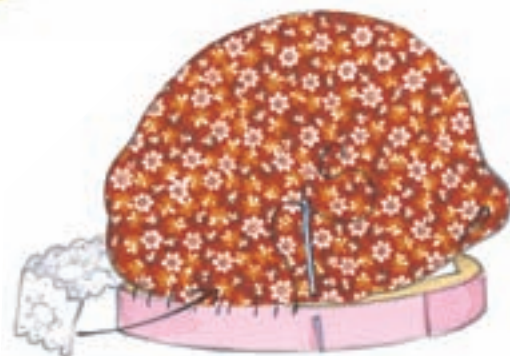
Materials:

- A glass jar
- A sponge
- Fabric remnants
- Glue
- Needle and thread
- Scissors
- Ribbon and lace edging
- Buttons
- Double-sided sticky tape



3 To finish off, go around the button several times with the thread, pulling tightly. Pass the needle through the stitching (between the button and the fabric): Then the thread will not come undone.

2



SEWING ON A BUTTON

1 Thread a needle and tie a knot in the other end of the thread. Stick the needle through the other side of the fabric so that you cannot see the knot. Pass the needle through the button and then back through the other hole.



2

2 Now pass the needle through the first hole again and then through the other one, several times.

3 To finish off, go around the button several times with the thread, pulling tightly. Pass the needle through the stitching (between the button and the fabric): Then the thread will not come undone.

3



When you can sew on a button with two holes well, you can try sewing on one with four holes. You could decorate a t-shirt with colorful buttons.

What should you know if you want to be a dressmaker?

They learn the technique in a workshop or training course. To create a smart item of clothing, first take the model's measurements. Then draw the patterns, cut out the fabric and tack the pieces together. Then the model is tried on and can be sewed. You have to be very skilful to handle the needle and scissors well!



GEOLOGISTS

Recommended age: At least 6 years old

Difficulty level: 😊

VOLCANO

Materials:

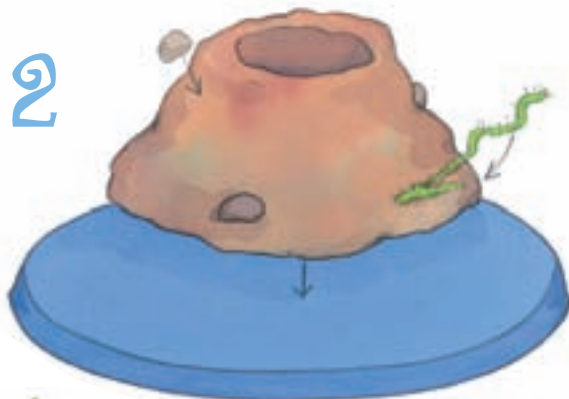
- Modeling clay
- A small glass
- A blue plastic plate
- Wool
- Small stones
- A branch
- Green paper
- Scissors
- Thread
- Vinegar
- Bicarbonate of soda

1

1 Cover a small glass with modeling clay around the outside and the upper edge, giving it the shape of a volcano.

2 Place it on a blue plastic plate. Then apply small stones and strips of green wool to give it a mountainous texture.

2



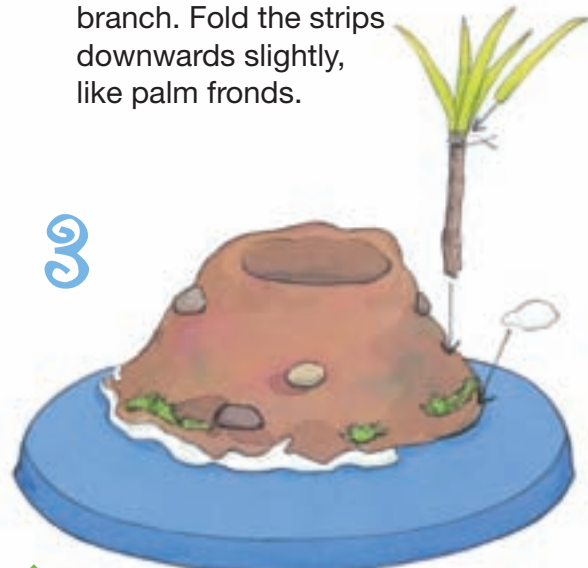
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4 When your mountain is decorated, you can experiment: First pour in a spoonful of bicarbonate of soda, then a little vinegar.



3

3 Stick some white modeling clay around the lower edge, to simulate the waves. Also make a palm tree, by tying pieces of green paper to a branch. Fold the strips downwards slightly, like palm fronds.



5 You will observe that when the vinegar comes into contact with the bicarbonate of soda, your volcano erupts and lava starts to emerge from the inside...



Look for information about the volcanoes and the rocks and minerals that form the planet Earth and you will act like an authentic geologist!



What should you know if you want to be a geologist?

At university, they study the materials that the Earth is made up of and how old our planet is. They think about what the Earth must have been like thousands and millions of years ago and they reconstruct its history.

