

A BOX FULL OF STARS



GET
ADVENTUROUS



45 MINUTES



PREPARATION
NEEDED

AIM

Build a box full of stars, showing different constellations found in the night's sky. Light up the box with an LED candle and then head outdoors to find those constellations in the sky.

WHAT YOU'LL NEED

- A Box Full of Stars Template Sheet
- A4 Card
- Scissors
- Glue
- Drawing Pin
- Sponge (Optional)
- LED Candle



GET ADVENTUROUS: A BOX FULL OF STARS

THEME: EXPLORING THE WORLD AROUND ME



LEADER PREPARATION

A leader will need to download and print the 'Box Full of Stars' template onto A4 card for each child. These could be pre-cut to save time.

This activity does require time and patience, but does produce a fantastic finished product. You may want to split the activity over two weeks if the group needs it.



Download A Box Full of Stars Template



GETTING INTO THE ACTIVITY

- 1 Give a copy of the template to each child and ask them to cut around the outline to produce the flat cube shape.
- 2 Each solid black line needs to be folded inwards / scored, to help build the cube.
- 3 Using a drawing pin, carefully pierce a hole where each star is on the constellations. To make this easier and safer, you may want to give each child a small sponge to place underneath the card when doing this.
- 4 Once all the stars have been pierced, place glue on the four tabs that say 'glue here'.
- 5 Fold the box inwards and use your fingers to hold the tabs in place for a minute whilst the glue is setting.
- 6 Once set, carefully place a LED candle into the bottom of the cube and then close the lid to complete the cube. Don't glue the lid shut, so you have access to the candle.
- 7 Turn the lights off and see your box full of stars come to life as each constellation is lit up, just like it is in the night sky.
- 8 Head outside and try to find the constellations on the box in the sky. You could use a star app such as 'SkyView Lite' to help you do this. Encourage children to take their star boxes home and use them at night to continue to try and spot the constellations.



DID YOU KNOW?

- Looking up at the sky we may only be able to see hundreds or thousands of stars, but there are billions (there are an estimated 400 billion stars in the galaxy).
- On a clear night in the UK, you can see 2,000+ stars.
- The Sun is the nearest star to Earth (146 million Km).



IDEAS TO TAKE THIS FURTHER...

This activity just features five constellations in the sky. There are however lots more to explore. Take the activity further by trying to spot and identify other constellations in the sky.



KEEPING EVERYONE SAFE

Please take care when using scissors and drawing pins. When heading outside to look at the stars, please use an appropriate space and ensure children are dressed suitably for the weather and temperature.

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