

What do I need?

Printed copy of page 4

Paper world map*

White paper

Scissors

Glue stick

Twine

Pen or pencil

*If you don't have an old paper copy of a world map, there are lots of online versions you can download and print.



Painted Lady migration booklet

What do I do?

Look at the migration of the painted lady butterfly on page 2. Isn't it amazing that such delicate creatures can travel so far around the world and through such different climates?

Think about the countries that it visits on its journey and what it might see as the surroundings change from the arid deserts of North Africa to the lush greenery of the Mediterranean. See if you can find all of the countries it migrates through on your world map.

Cut out the butterfly template on page 4 and place it over the part of your map where Morocco and the Sahara desert are. Trace around your template then use your scissors to cut the shape out from the map.

Place the template over part of your map showing Britain. Trace around your template and cut the shape out from the map a second time.

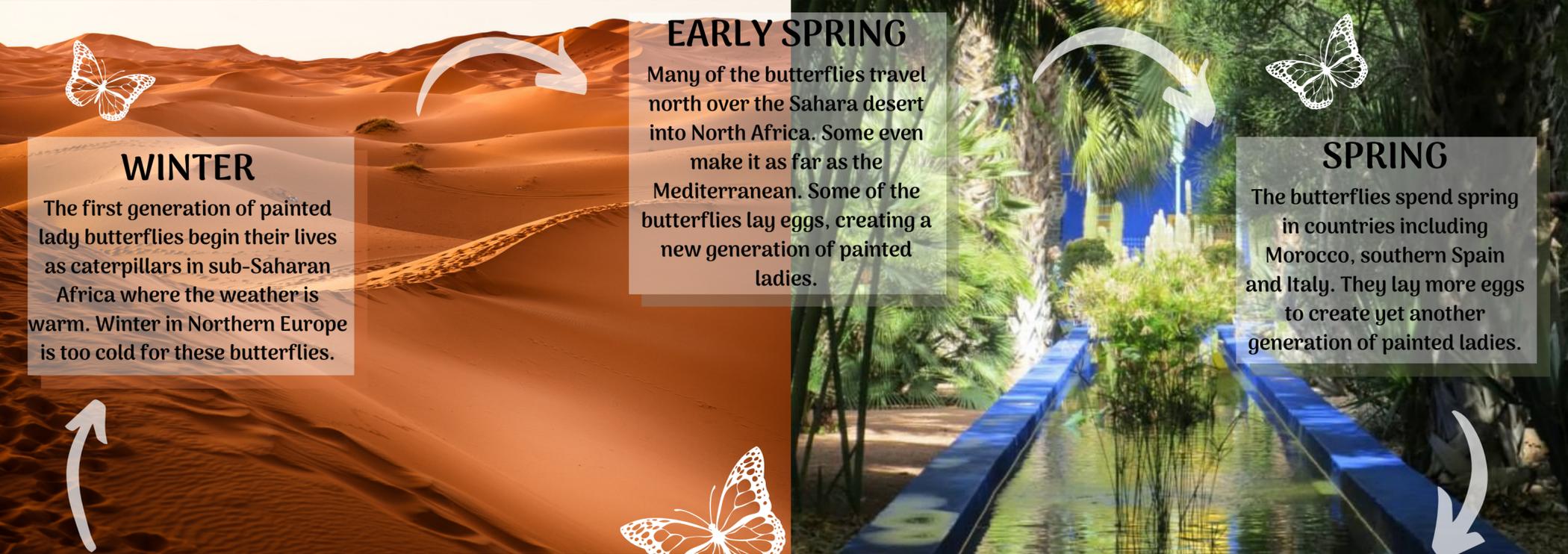
Now, use your template to cut 4-5 butterfly shapes out from your plain white paper.

Follow the instructions on page 3 to stick your butterflies together to form a booklet.

Create your own version of the painted lady migration story on the inner pages of your booklet. You can write it as a short story or a poem, or you can even draw the butterflies flying through the different places on its adventure.



The migration story



WINTER
The first generation of painted lady butterflies begin their lives as caterpillars in sub-Saharan Africa where the weather is warm. Winter in Northern Europe is too cold for these butterflies.

EARLY SPRING
Many of the butterflies travel north over the Sahara desert into North Africa. Some even make it as far as the Mediterranean. Some of the butterflies lay eggs, creating a new generation of painted ladies.

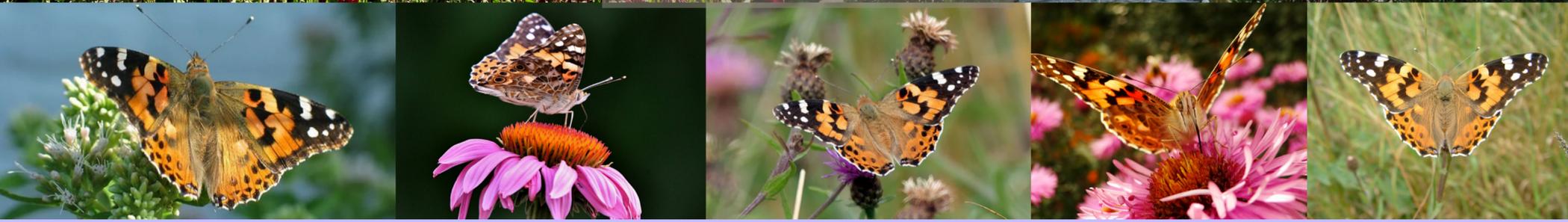
SPRING
The butterflies spend spring in countries including Morocco, southern Spain and Italy. They lay more eggs to create yet another generation of painted ladies.



AUTUMN
As the end of summer brings cooler weather, the painted ladies migrate south through Europe. Many of them travel over 5,000 miles, making it all the way back to Africa!

SUMMER
The butterflies arrive Britain with the warm summer weather and lay more eggs. Caterpillars emerge to enjoy munching on all the lush, green plants in parks and gardens before transforming into butterflies. These butterflies aren't just descendants of the painted ladies that set off from sub-Saharan Africa, but from several generations of butterflies born since!

EARLY SUMMER
The new generations of painted ladies continue to migrate north through Spain, Italy and France, moving with the warm weather.



how to make a booklet

1



Lay out your 4-5 white butterflies and your 2 map butterflies.

5



Glue your second map butterfly on top of your booklet with the map facing upwards.

2



Lay one of your map butterflies face down on the table and apply a small amount of glue to the middle of the butterfly's body.

6



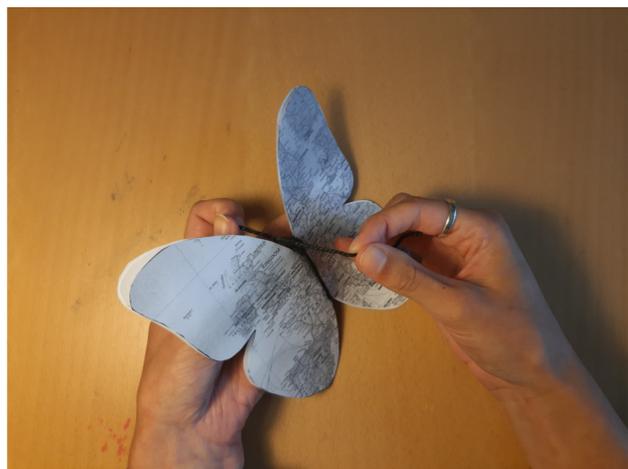
Cut a small length of twine and wrap it around the middle of your butterfly's body.

3



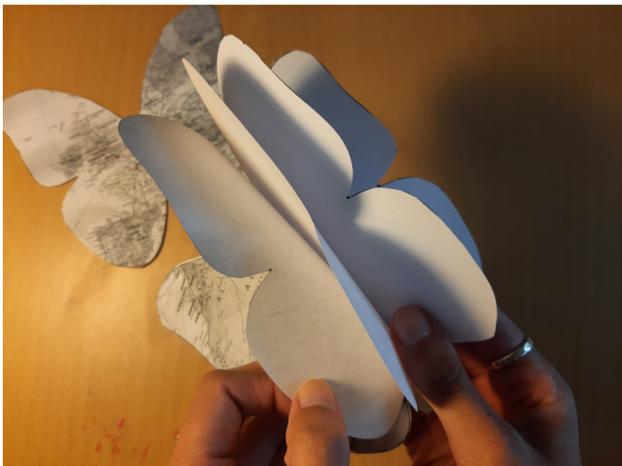
Stick one of your white butterflies on top, making sure you can open the wings.

7



Tie the twine in a double knot at the top. Trim the ends to about 2-3cm long to make the butterfly's antennae.

4



Repeat this process until all of your white butterflies are stuck, one on top of the other, in a booklet.

8



You should now be able to open the butterfly's wings on either side of the twine. Your booklet is now ready for you to write in!

butterfly template

