



filoli

Patterns in the Garden

Welcome to Filoli! Discover natural
and human-made patterns as you
explore the Garden.

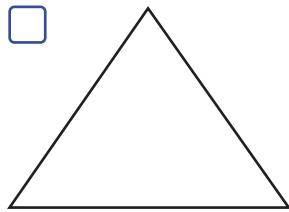


Patterns in the Garden

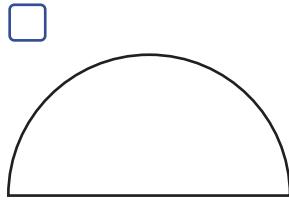
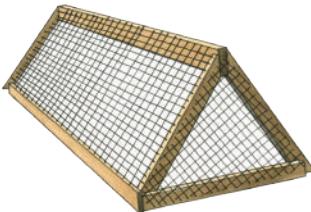
Visit each area on the map and match each location to the page in your booklet.

Garden Shapes

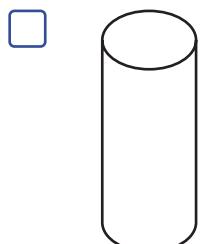
Find these shapes and patterns as you walk through the Garden. Check them off as you go.



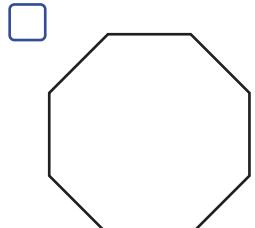
Triangle



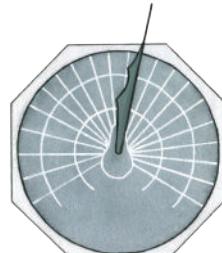
Dome



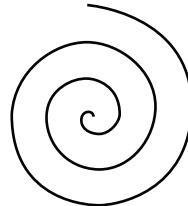
Cylinder



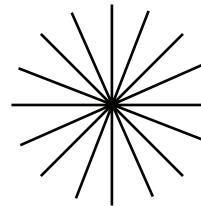
Octagon



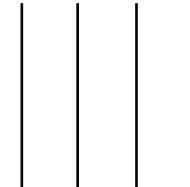
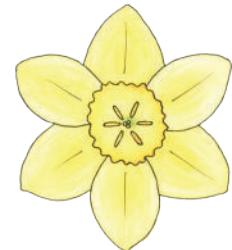
Garden Patterns



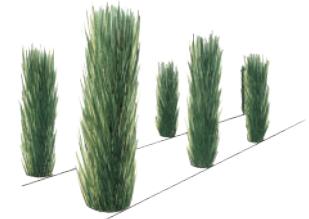
Spiral



Radial



Rows



Serpentine



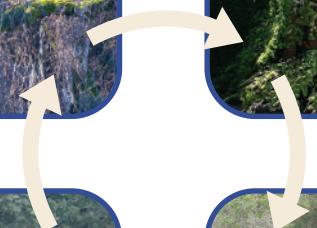
Seasons

Seasons happen in a pattern. The leaves of this Camperdown elm tree look different in every season. What season is it today?

Winter



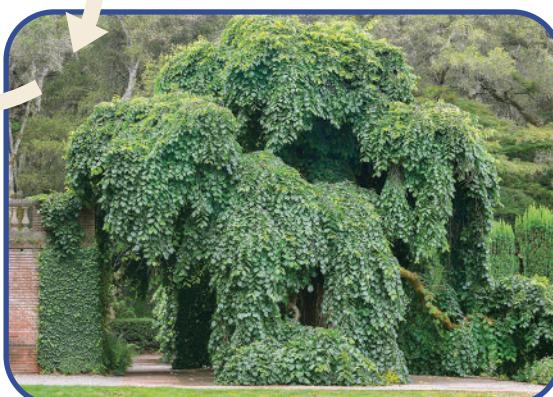
Spring



Fall



Summer



Circle words that describe today:

sunny

hot

cold

dry

rain

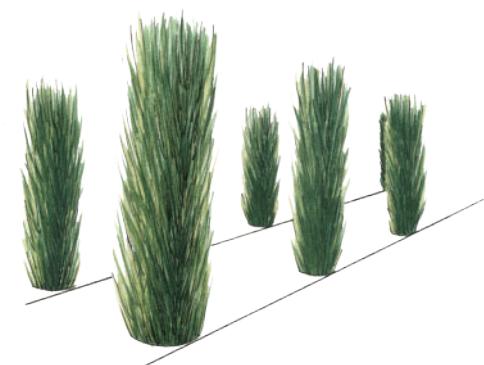
jacket

cloudy

t-shirt

warm

foggy



Walk down a row of yew trees.

How many do you count?

2

Find the Sundial!

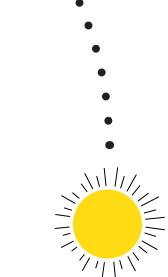
The sun makes shadows on the sundial. The location of the shadow tells us the time of day.

Filoli has a clock tower, which also tells us the time.
How do you tell time when you are at home?

The sun rises in the east and sets in the west. Where is the sun now? Draw the location of the sun on the dotted line.



Sunrise West



Sunset East

This is a photo of the sundial 100 years ago! Look at the rows of tulips. That's another pattern!



Animals Make Patterns

Bees move from plant to plant and flower to flower.
What are they collecting?

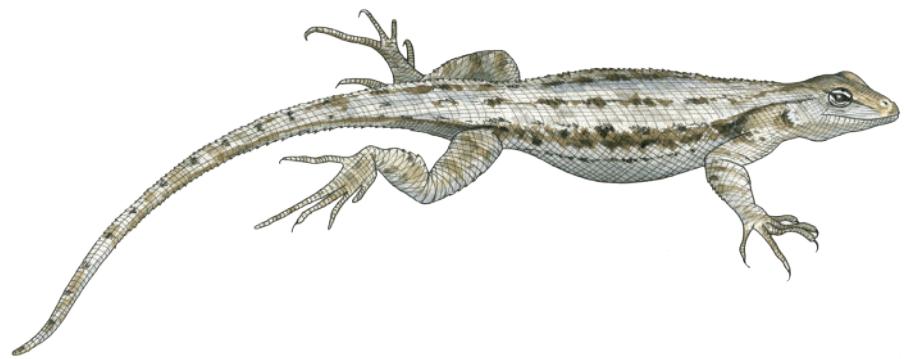
Follow one bee. Does it visit the same type of flower or different types of flowers?

same different



Patterns on Animals

How do the patterns on the back of this western fence lizard help it survive?

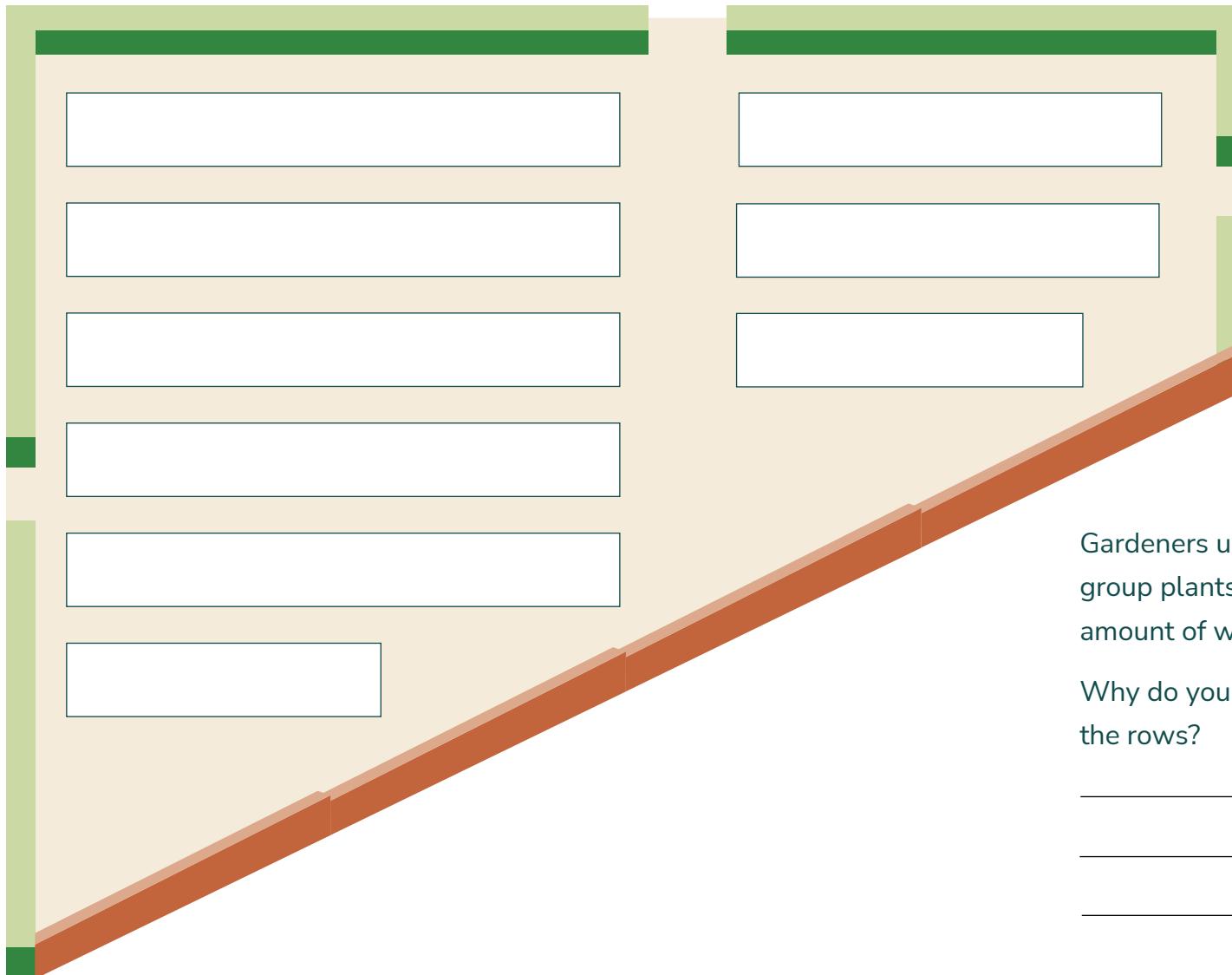


Butterflies have symmetrical markings on their wings. Complete the symmetrical markings on the swallowtail butterfly's wings.



Vegetable Garden Rows

If you could make your own vegetable garden what would you plant? Explore Filoli's Vegetable Garden for ideas and write them in the rows below.



Gardeners use rows in vegetable gardens to group plants together that need the same amount of water and care.

Why do you think they leave space between the rows?

5

Flower Patterns

Find a flower with a radial pattern. Draw it.

6

Sound Patterns

Sit quietly and listen to bird sounds. Write out a sound pattern the birds are making.

