MISSION 19
Level 2 · Diwali

The Scared Puppy

Explorer: _____

When the crackers went BOOM, the street dog ran and hid under a car! Why was it so scared?

1 Point and guess! Why do loud crackers scare dogs so much?



A dogs hear much better than us



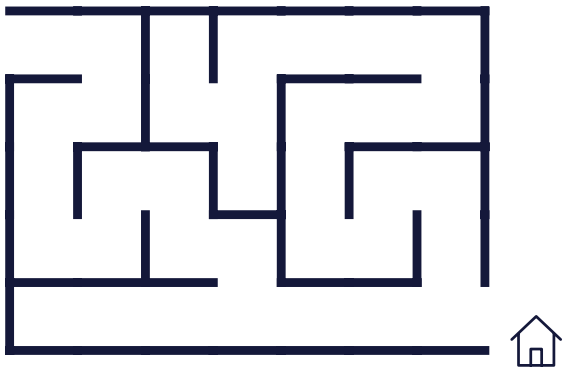
B dogs dislike colours



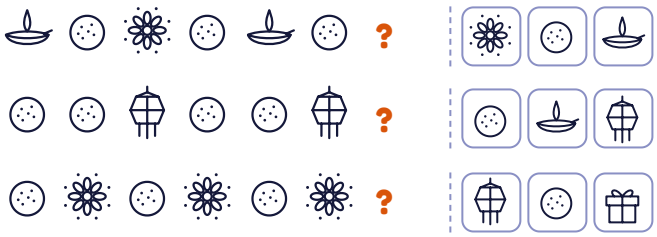
C dogs are hungry

2 Help the puppy find a quiet home

Start



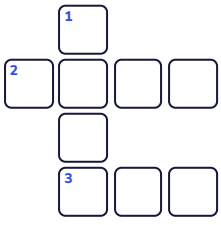
3 What comes next? Circle it on the right



Use your hands! Build a snug cave from cushions and a blanket. Tuck a toy inside. How does it feel to be safe?

Real-life mission: On Diwali night, ask a grown-up to keep a bowl of water and a quiet corner ready for dogs or cats near your home. Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Down Very noisy (4 letters)



2 Across The sound a cracker makes (4 letters)



3 Across An animal that barks (3 letters)

Mission done!

Quiz: A, dogs hear much better than us. Dogs hear much better than people, so a cracker sounds even louder to them. Next: row 1: kolam; row 2: ladoo; row 3: ladoo. Crossword: 1 Down loud, 2 Across boom, 3 Across dog.

MISSION 20
Level 2 · Sky & Space

The Changing Moon

Explorer: _____



Last week the moon was a thin smile. Tonight it is round! Why?

1 Point and guess! Why does the moon look different each night?



A we see more or less of its sunny side

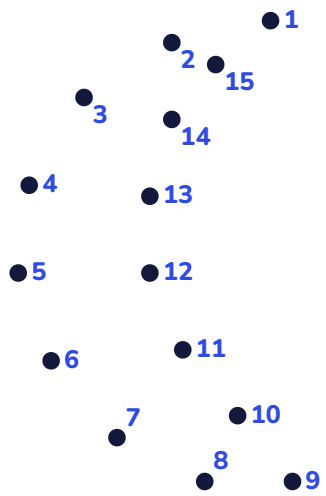


B someone takes a bite



C clouds cut pieces off

2 Join the dots from 1 to 15



What did you make? Colour it in!

3 Put it in order! Draw a line from each picture to 1, 2 or 3



thin crescent ●



full moon ●



half moon ●

● 1 ● 2 ● 3

Use your hands! Cover a paper moon with your hand. Show a full moon, half a moon, then a thin sliver.

Real-life mission: Look at the moon every night this week with a grown-up. Is it getting bigger or smaller? Tell Pip!

4 Word match! Draw a line from each word to its picture.

moon ●

cloud ●

star ●

● 

● 

● 

Mission done!

Quiz: A, we see more or less of its sunny side. The moon stays round. As it travels around the Earth, we see more or less of the side lit by the sun. The dots make a crescent moon. Order: thin crescent then half moon then full moon. Lines: moon to its picture, cloud to its picture, star to its picture.

MISSION 21
Level 2 · Living World

The Purring Cat

Explorer: _____



Our neighbour's cat sat on my lap and started to rumble like a tiny engine! What is that sound?

1 Point and guess! When do cats purr the most?



A when they swim

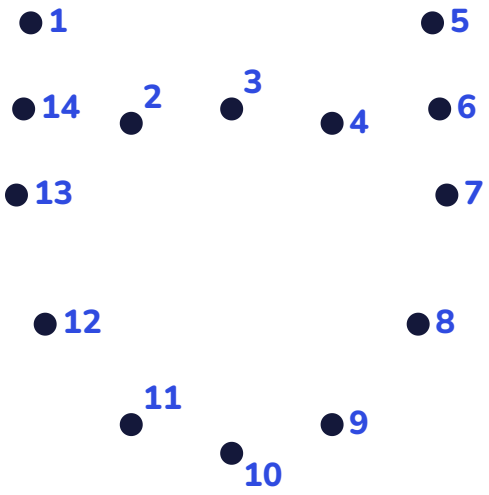


B when they feel calm and happy



C when they climb a tree

2 Join the dots from 1 to 14



What did you make? Colour it in!

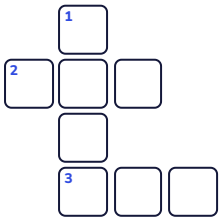
3 What comes next? Circle it on the right



Use your hands! Put your hand gently on your throat and hum. Feel the buzz, like a purr.

Real-life mission: With a grown-up's OK, gently stroke a calm cat. Can you hear or feel it purr? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.





1 Down A cat swishes it (4 letters)

2 Across It says meow (3 letters)

3 Across Where a cat sits when you sit down (3 letters)

Mission done!

Quiz: B, when they feel calm and happy. Cats often purr when they feel calm and happy, like a soft rumbling hum. The dots make a cat's face.
Next: row 1: cow; row 2: fish; row 3: cow. Crossword: 1 Down tail, 2 Across cat, 3 Across lap.

MISSION 22
Level 2 · My Body

The Rumbling Tummy

Explorer: _____



Just before lunch my tummy went GRRRR! Is there a little lion living in there?

1 Point and guess! Why does a tummy rumble?



A there is a drum inside



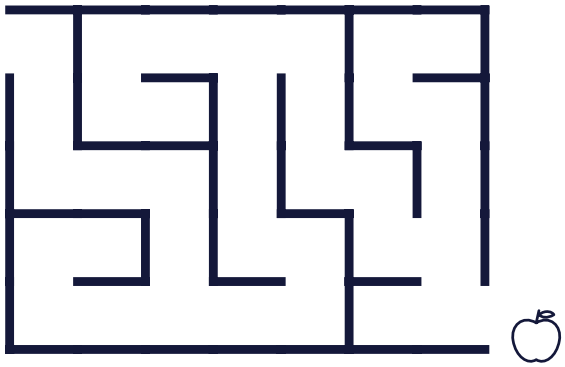
B it is squeezing air and juices along



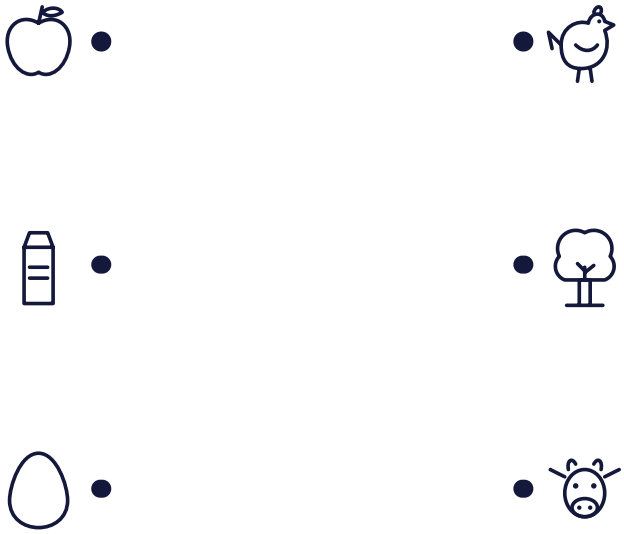
C a frog lives there

2 Help Pip get to the snack

Start



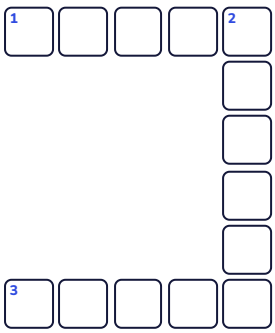
3 Draw a line to match! Where does each food come from?



Use your hands! Lie down. Rest your hand on your tummy and breathe slowly. Feel it rise and fall.

Real-life mission: Before your next meal, put your ear gently on a grown-up's tummy. Can you hear any gurgles? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Across The midday meal (5 letters)

2 Down When you want to eat (6 letters)

3 Across Where your food goes (5 letters)

Mission done!

Quiz: B, it is squeezing air and juices along. Your tummy squeezes food, air and juices along. When it is nearly empty, the squeezing makes a gurgling sound. Lines: apple to tree, milk to cow, egg to hen. Crossword: 1 Across lunch, 2 Down hungry, 3 Across tummy.

MISSION 23
Level 2 · Living World

The Peacock Dance

Explorer: _____



A peacock opened its huge tail like a fan and danced! Why does it do that?

1 Point and guess! Why does a peacock spread its tail?



A to show off to a peahen

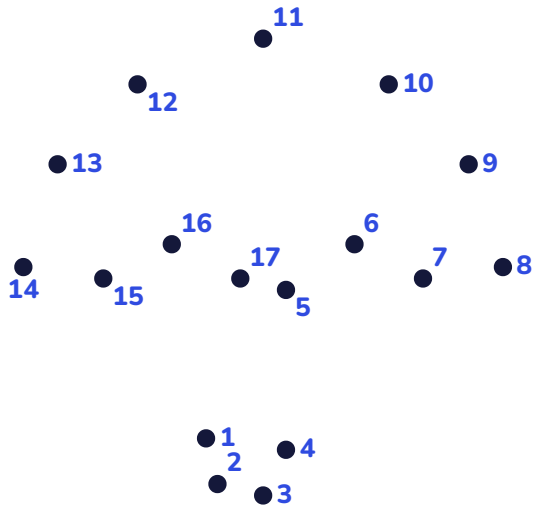


B to stay dry



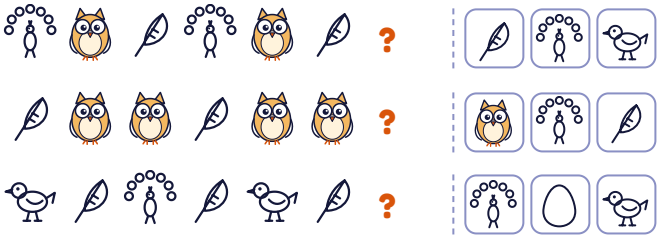
C to keep warm

2 Join the dots from 1 to 17



What did you make? Colour it in!

3 What comes next? Circle it on the right



Use your hands! Trace your hand on paper with fingers spread wide. Colour it like a peacock tail.

Real-life mission: Find a feather. Look at it closely. Can you see tiny lines in it? Tell Pip!

4 Word match! Draw a line from each word to its picture.

umbrella ●

sun ●

owl ●







Mission done!

Quiz: A, to show off to a peahen. A male peacock spreads his shiny tail feathers to show off to a peahen. The bigger and brighter, the better! The dots make an umbrella. Next: row 1: peacock; row 2: feather; row 3: peacock. Lines: umbrella to its picture, sun to its picture, owl to its picture.

MISSION 24
Level 2 · Geography

The River's Journey

Explorer: _____

We crossed a big river on a bridge. The water was rushing away fast! Where is it going?

1 Point and guess! Where does most river water end up?

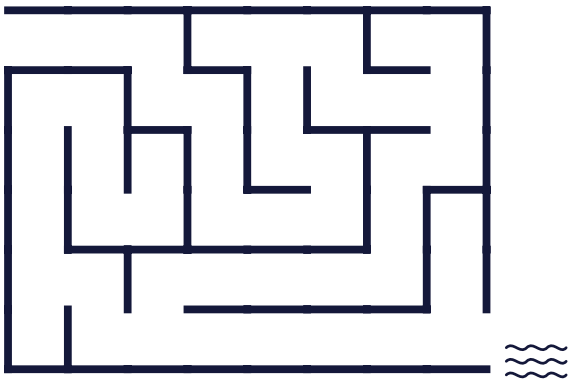
A in the clouds

B in our house

C in the sea

2 Help the river flow to the sea

Start



3 Put it in order! Draw a line from each picture to 1, 2, 3 or 4

river

cloud

sea

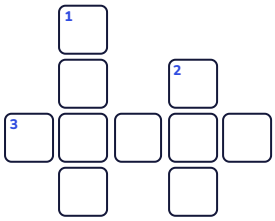
rain

1 2 3 4

Use your hands! Tilt a tray. Pour a little water at the top. Trace the river with your finger.

Real-life mission: With a grown-up, pour a cup of water at the top of a slope of sand or soil. Watch which way it flows. Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Down Water from clouds (4 letters)

2 Down Where rivers end (3 letters)

3 Across Flowing water (5 letters)

Mission done!

Quiz: C, in the sea. Rivers start as rain and springs high in the hills. The water flows downhill, joins other streams and reaches the sea. Order: cloud then rain then river then sea. Crossword: 1 Down rain, 2 Down sea, 3 Across river.

MISSION 25
Level 2 · Geography

The Thirsty Desert

Explorer: _____



In a desert there is sand everywhere and hardly any water. How do plants live there?

1 Point and guess! How does a cactus survive in the desert?



A it uses an umbrella

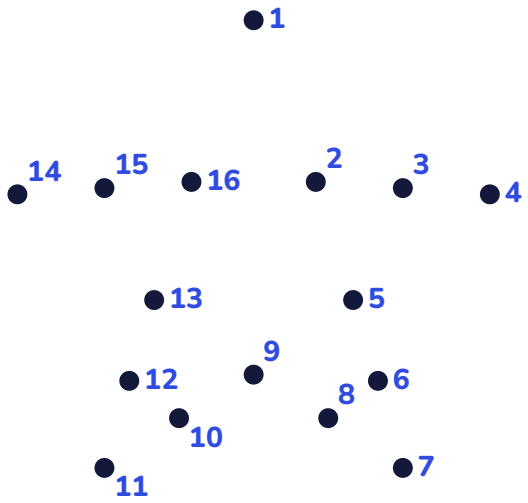


B it swims away



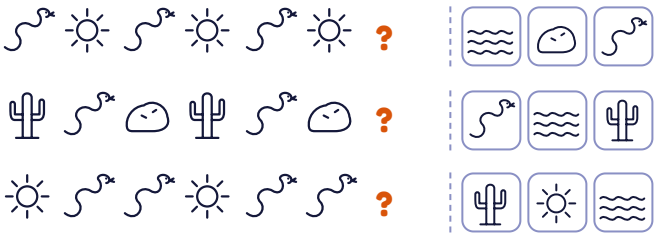
C it stores water inside

2 Join the dots from 1 to 16



What did you make? Colour it in!

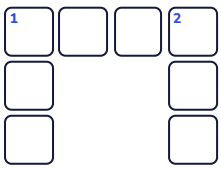
3 What comes next? Circle it on the right



Use your hands! Pour a spoon of water on sand, then on a plate. Where does it disappear?

Real-life mission: With a grown-up, gently press a thick leaf of a plant like aloe vera. Does it feel full of water? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Across The desert ground (4 letters)



1 Down It shines hot (3 letters)

2 Down Not wet (3 letters)

Mission done!

Quiz: C, it stores water inside. A cactus stores water in its thick, fat stem. Its spines stop thirsty animals from eating it. The dots make a star.
Next: row 1: snake; row 2: cactus; row 3: sun. Crossword: 1 Across sand, 1 Down sun, 2 Down dry.

MISSION 26
Level 2 · Everyday Science

The Vanishing Salt

Explorer: _____



Amma stirred salt into the water and it disappeared! Did the salt go away?

1 Point and guess! Where does salt go when you stir it into water?



A into tiny bits too small to see

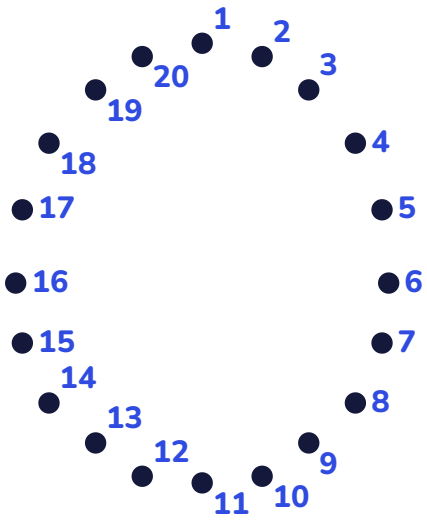


B up into the sky



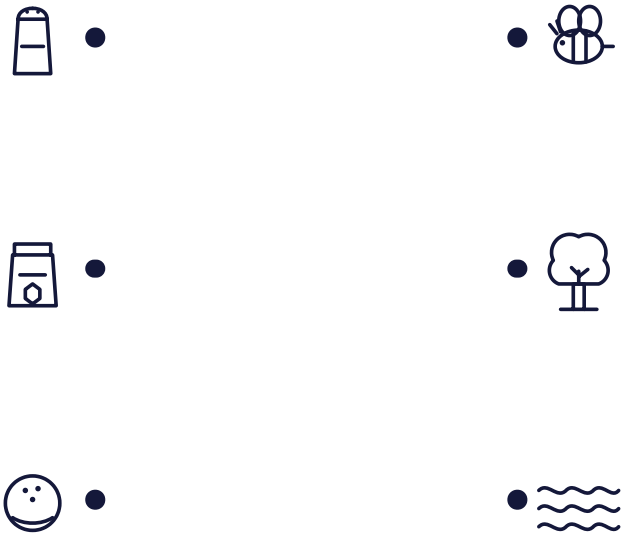
C it turns into a stone

2 Join the dots from 1 to 20



What did you make? Colour it in!

3 Draw a line to match! Where does each one come from?



Use your hands! Sprinkle salt on a plate. Dab it with a wet finger. What happens to the grains?

Real-life mission: With a grown-up, stir a spoon of salt into a glass of water. Can you see it? Taste one drop. Tell Pip!

4 Word match! Draw a line from each word to its picture.

cloud

sock

sea waves



Mission done!

Quiz: A, into tiny bits too small to see. Salt breaks into pieces too tiny to see and spreads all through the water. It is still there: the water tastes salty! The dots make an egg. Lines: salt to sea waves, honey to bee, coconut to tree. Lines: cloud to its picture, sock to its picture, sea waves to its picture.

MISSION 27
Level 2 · Earth & Weather

Cloud Factory

Explorer: _____



Clouds look soft like cotton. If I could touch one, what would it feel like?

1 Point and guess! What are clouds made of?



A candy floss



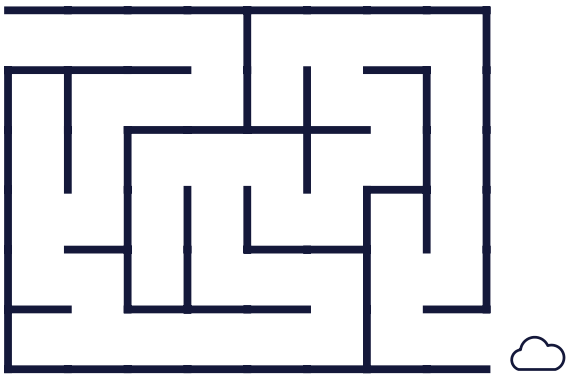
B smoke



C tiny drops of water

2 Help Pip fly up to the cloud

Start



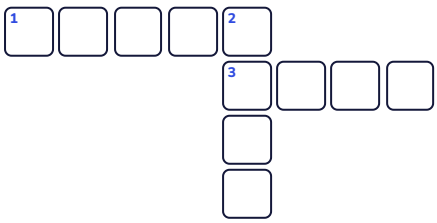
3 What comes next? Circle it on the right



Use your hands! Pull cotton wool apart into a fluffy cloud. Glue it on blue paper.

Real-life mission: Breathe slowly onto a cold mirror or window. See the mist? That is a tiny cloud! Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.





1 Across White and fluffy in the sky (5 letters)

2 Down A tiny bit of water (4 letters)



3 Across Water from clouds (4 letters)

Mission done!

Quiz: C, tiny drops of water. Clouds are made of millions of tiny water drops, or bits of ice, floating in the air. Touching one would feel like cool mist. Next: row 1: sun; row 2: cloud; row 3: snowflake. Crossword: 1 Across cloud, 2 Down drop, 3 Across rain.

MISSION 28
Level 2 · Living World

The Biggest Animal

Explorer: _____



Which animal is the biggest in the whole world? Is it the elephant? Is it a dinosaur?

1 Point and guess! Which is the biggest animal alive today?



A the elephant



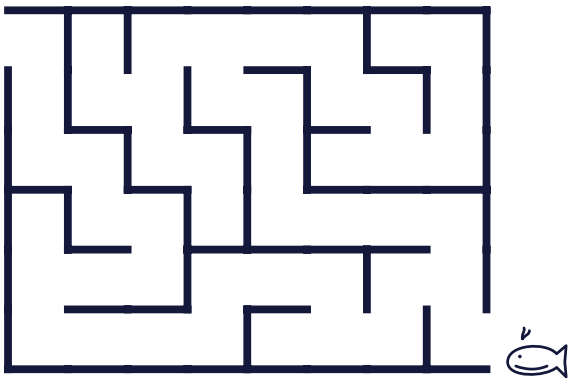
B the blue whale



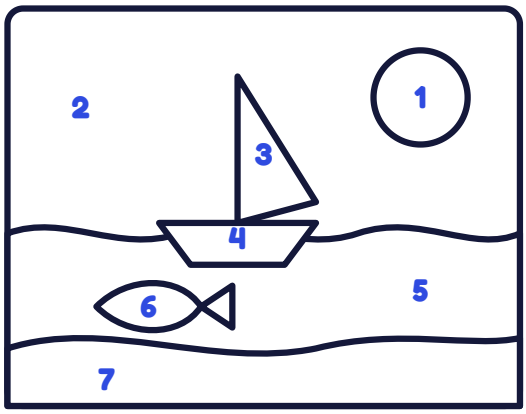
C the giraffe

2 Help Pip swim to the whale

Start



3 Colour by number

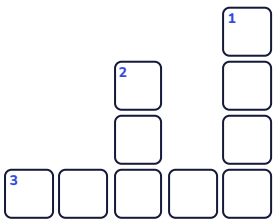


1 yellow **2** light blue **3** white **4** brown **5** dark blue
6 orange **7** yellow

Use your hands! Stretch your arms as wide as a whale. Lay a string along your arms. How many strings is a whale?

Real-life mission: Ask a grown-up to take 30 big steps in a line. A blue whale is about that long! Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Down Very, very big (4 letters)



2 Down Very big salty water (3 letters)



3 Across The biggest animal (5 letters)

Mission done!

Quiz: B, the blue whale. The blue whale is the biggest animal that has ever lived. It is about as long as two buses and lives in the sea.
Crossword: 1 Down huge, 2 Down sea, 3 Across whale.

MISSION 29
Level 2 · My Body

Goosebumps!

Explorer: _____



When I came out of the cold pool, my arms got tiny bumps all over! What are they?

1 Point and guess! When do you get goosebumps?



A when you feel cold

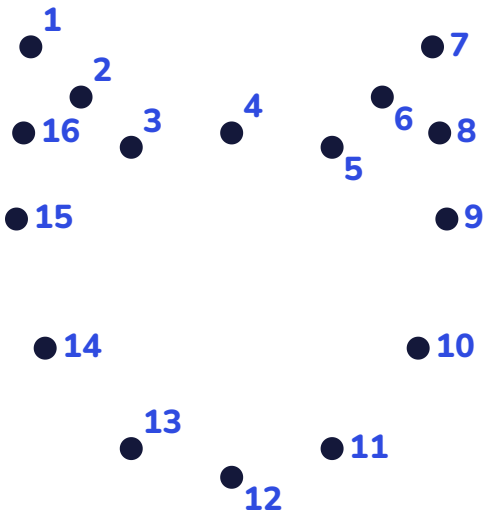


B only when you are asleep



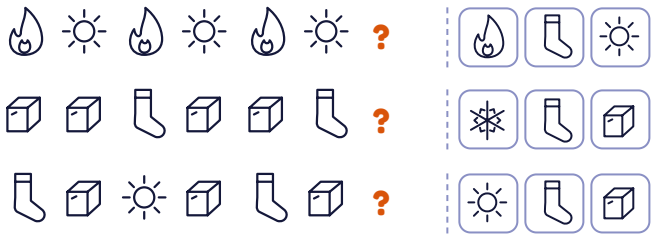
C when you eat sweets

2 Join the dots from 1 to 16



What did you make? Colour it in!

3 What comes next? Circle it on the right



Use your hands! Rub your arms to warm up. Look closely at the tiny hairs. What do they do when you shiver?

Real-life mission: With a grown-up, hold an ice cube in a cloth against your arm for a moment. Do goosebumps appear? Tell Pip!

4 Word match! Draw a line from each word to its picture.

snowflake ●

bed ●

sweet ●

● 

● 

● 

Mission done!

Quiz: A, when you feel cold. When you are cold, tiny muscles pull your hairs up and make little bumps. Furry animals do the same to trap warm air. The dots make a cat's face. Next: row 1: fire; row 2: ice cube; row 3: sun. Lines: snowflake to its picture, bed to its picture, sweet to its picture.

MISSION 30
Level 2 · Diwali

The Kolam Riddle

Explorer: _____



Paati drew a kolam at our door. Both sides look the same! How?

1 Point and guess! What is a kolam or rangoli drawn with?



A water

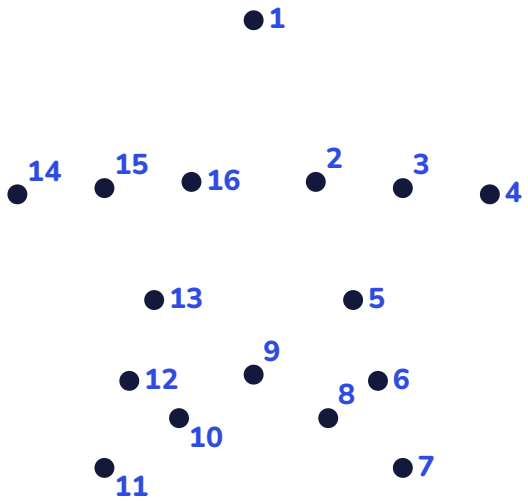


B rice flour or coloured powder



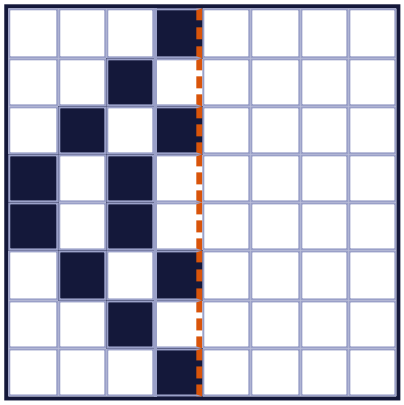
C leaves

2 Join the dots from 1 to 16



What did you make? Colour it in!

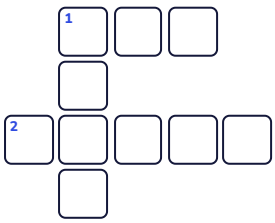
3 Mirror magic! Colour the right side to match the left



Use your hands! Make a kolam with your fingertip in a tray of rice flour, sand or salt. Dots first, then loops.

Real-life mission: Fold a paper in half, draw half a shape along the fold, and cut it out with a grown-up. Open it. Do both sides match? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Across A tiny spot (3 letters)



1 Down You open it to go in (4 letters)



2 Across Paati draws it with rice flour (5 letters)

Mission done!

Quiz: B, rice flour or coloured powder. Kolams and rangolis are drawn with rice flour or coloured powder. When both halves match, it is called symmetry. The dots make a star. Crossword: 1 Across dot, 1 Down door, 2 Across kolam.

MISSION 31
Level 2 · Everyday Science

Round Bubbles

Explorer: _____



I blew bubbles with a heart-shaped wand, but the bubbles came out round! Why not heart-shaped?

1 Point and guess! What shape is a floating bubble?



A round



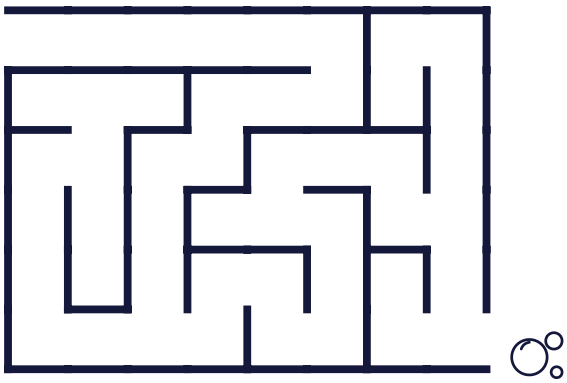
B square



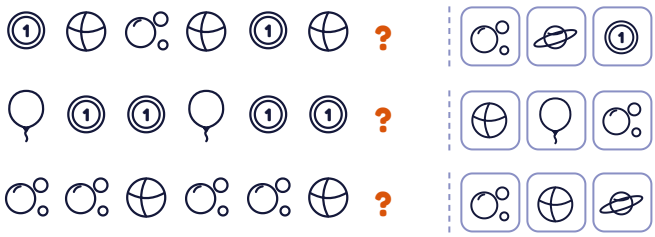
C star-shaped

2 Help Pip catch the bubble

Start



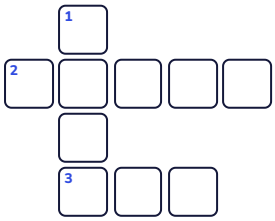
3 What comes next? Circle it on the right



Use your hands! Dip a ring made of finger and thumb into soapy water. Blow one big bubble.

Real-life mission: Blow bubbles with a grown-up. Bend the wand into a different shape. Are the bubbles still round? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.



1 Down You make bubbles with it (4 letters)



2 Across Shaped like a ball (5 letters)

3 Across The sound a bubble makes when it bursts (3 letters)

Mission done!

Quiz: A, round. A bubble's thin skin pulls in equally on every side. A round shape is the tightest it can make. Next: row 1: bubble; row 2: balloon; row 3: bubble. Crossword: 1 Down soap, 2 Across round, 3 Across pop.

MISSION 32
Level 2 · Insects

Spotty Ladybird

Explorer: _____

A tiny red beetle with black spots landed on my hand! Why does a ladybird wear spots?

1 Point and guess! What do a ladybird's bright colours tell birds?



A it is my birthday



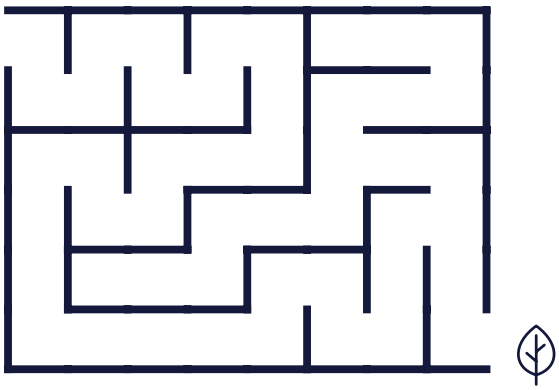
B I am a star



C I taste bad, do not eat me

2 Help the ladybird get to the leaf

Start



3 Put it in order! Draw a line from each picture to 1, 2, 3 or 4



pupa ●



larva ●



egg ●



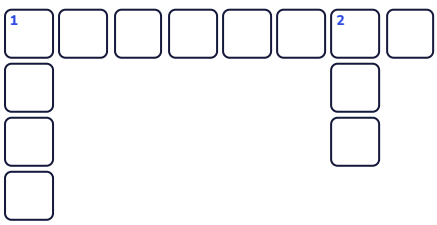
ladybird ●

1 ● 2 ● 3 ● 4 ●

Use your hands! Dip a fingertip in red paint. Press a ladybird body. Add black fingerprint spots.

Real-life mission: Look for ladybirds on plants with a grown-up. Let one walk gently on your finger, then put it back on a leaf. Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.





1 Across A beetle with spots (8 letters)



1 Down Ladybirds walk on it (4 letters)

2 Down The colour of a ladybird (3 letters)

Mission done!

Quiz: C, I taste bad, do not eat me. A ladybird's bright colours warn birds that it tastes bad. Gardeners love ladybirds because they eat tiny plant pests. Order: egg then larva then pupa then ladybird. Crossword: 1 Across ladybird, 1 Down leaf, 2 Down red.

MISSION 33
Level 2 · Earth & Weather

High-Flying Kite

Explorer: _____



My kite went so high it looked like a tiny bird! What holds a kite up in the sky?

1 Point and guess! What lifts a kite into the sky?



A the wind pushing on it

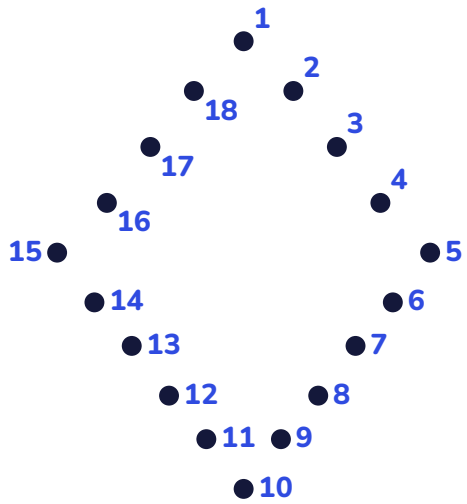


B a tiny rocket



C birds carry it

2 Join the dots from 1 to 18



What did you make? Colour it in!

3 What comes next? Circle it on the right



Use your hands! Tie a string to a paper kite. Run with it and see if it flies behind you.

Real-life mission: On a windy day, hold a sheet of paper flat in front of you and let go. Does the wind lift it? Tell Pip!

4 Word match! Draw a line from each word to its picture.

wind

rocket

bird



Mission done!

Quiz: A, the wind pushing on it. Wind pushes against the kite's flat face and lifts it. The string holds it at a slant so the wind keeps pushing it up.
The dots make a kite. Next: row 1: cloud; row 2: balloon; row 3: sun. Lines: wind to its picture, rocket to its picture, bird to its picture.

MISSION 34
Level 2 · My Body

Achoo!

Explorer: _____



A little pepper went near my nose and ACHOO! I sneezed so hard! Why do we sneeze?

1 Point and guess! What does a sneeze do?



A blows dust out of your nose



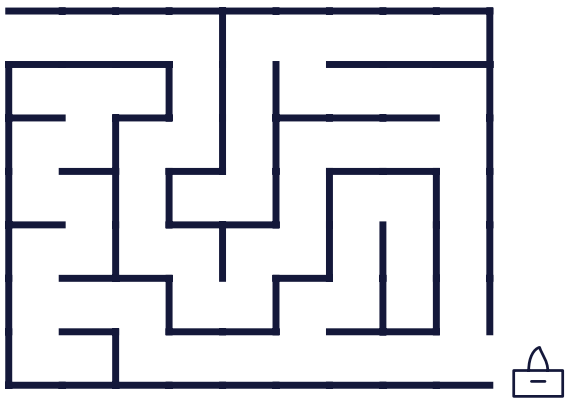
B warms your nose



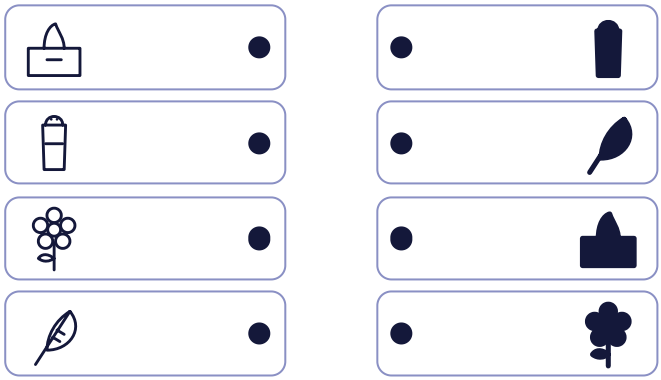
C makes you taller

2 Help Pip get to the tissue

Start



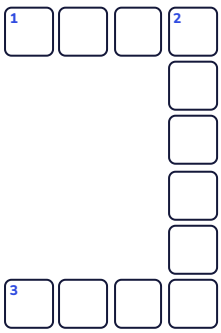
3 Draw a line from each picture to its shadow



Use your hands! Hold a tissue in front of your mouth and say a soft 'achoo'. Watch how it moves.

Real-life mission: Practise sneezing into your elbow, like a vampire! Show a grown-up. Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.





1 Across Tiny dirt in the air (4 letters)

2 Down Sneeze into it (6 letters)

3 Across You smell with it (4 letters)

Mission done!

Quiz: A, blows dust out of your nose. A sneeze is your body blowing dust, pepper or germs out of your nose. Always sneeze into a tissue or your elbow. Crossword: 1 Across dust, 2 Down tissue, 3 Across nose.

MISSION 35
Level 2 · Insects

Tiny Lanterns

Explorer: _____



On a dark night at Paati's village, tiny lights blinked in the bushes! Are they little stars?

1 Point and guess! Why do fireflies glow?



A to signal to other fireflies

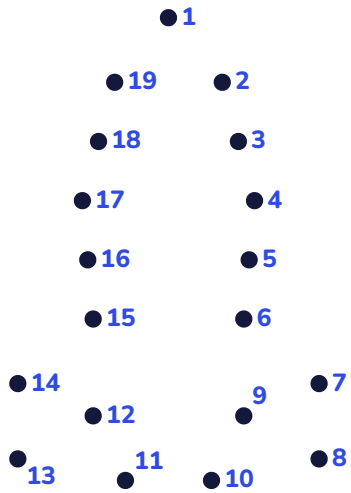


B they swallowed sunshine



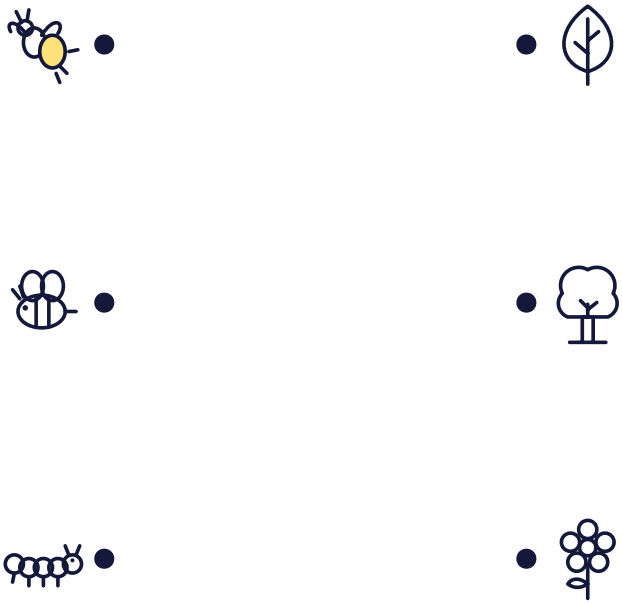
C they carry tiny torches

2 Join the dots from 1 to 19



What did you make? Colour it in!

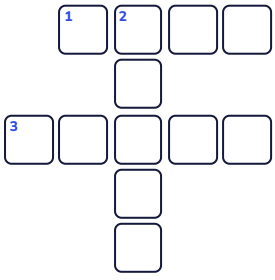
3 Draw a line to match! Where does each insect go?



Use your hands! Cup a torch in your hands in a dark room. What colour do your fingers glow?

Real-life mission: On a dark evening, look near bushes and trees with a grown-up. Can you spot a blinking firefly? Does it blink fast or slow? Tell Pip!

4 Crossword! Write one letter in each box. The pictures help.





1 Across Fireflies do this at night (4 letters)

2 Down It helps you see in the dark (5 letters)



3 Across When fireflies shine (5 letters)

Mission done!

Quiz: A, to signal to other fireflies. Fireflies make light in their tails to signal to other fireflies. Their light gives off almost no heat. The dots make a rocket. Lines: firefly to tree, bee to flower, caterpillar to leaf. Crossword: 1 Across glow, 2 Down light, 3 Across night.

MISSION 36
Level 2 · Insects

The Itchy Bite

Explorer: _____



A mosquito bit me and now I have an itchy red bump! Why do mosquitoes bite?

1 Point and guess! Which mosquitoes bite?



A only mother mosquitoes

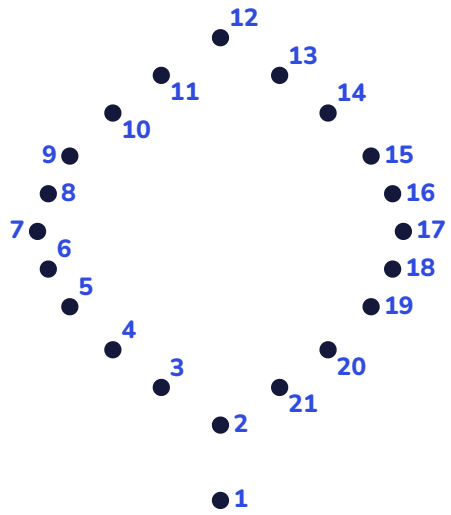


B only baby mosquitoes



C only the ones on flowers

2 Join the dots from 1 to 21



What did you make? Colour it in!

3 What comes next? Circle it on the right



Use your hands! Cool a wet cloth in your hands. Press it on your arm. How does cold feel?

Real-life mission: With a grown-up, look for still water in pots, tyres or buckets near your home, and tip it out. Mosquitoes lay eggs in still water. Tell Pip!

4 Word match! Draw a line from each word to its picture.

egg

flower

bee



Mission done!

Quiz: A, only mother mosquitoes. Only female mosquitoes bite. They need a little blood to make their eggs. Male mosquitoes drink nectar from flowers. The dots make a leaf. Next: row 1: mosquito; row 2: ladybird; row 3: mosquito. Lines: egg to its picture, flower to its picture, bee to its picture.