MISSION 1
Level 1 · Diwali story

# Welcoming Lakshmi

Explorer: _____



Amma is cleaning every corner of our home before Diwali! Why does our home need to sparkle?

## 1 Point and guess! What do many families do to get ready for Diwali?



A sleep all day

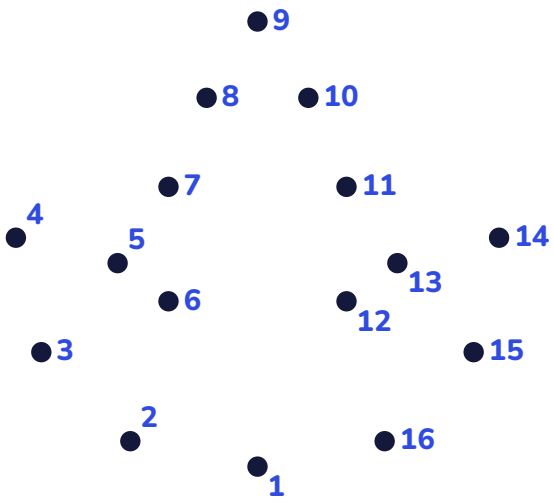


B play football



C clean the home

## 2 Join the dots from 1 to 16




What did you make? Colour it in!

## 3 Tick what helps get a home ready for Diwali



broom ☐



car ☐



kolam ☐



rock ☐



diya ☐



lantern ☐

**Use your hands!** Tear 6 paper petals with your fingers. Glue them in a circle to make a lotus.

**Real-life mission:** Help a grown-up clean one shelf or corner before Diwali. What did you find there? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: C, clean the home. Many families clean their homes and draw rangoli. The story says Lakshmi, the goddess of good fortune, visits homes that are clean and bright. The dots make a lotus. Ticks: broom, kolam, diya, lantern. Shadows: each picture joins the shadow of the same shape.

MISSION 2
Level 1 · Diwali story

# Rama Comes Home

Explorer: _____



Paati told me a story. Long ago, Prince Rama came home after fourteen years away. How did everyone welcome him?

## 1 Point and guess! How did the people of Ayodhya welcome Rama home?



A rang one bell



B made snowmen



C lit rows of lamps

## 2 Help Rama get home to Ayodhya

Start



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



lamps were lit



came home



lived in the forest

1 2 3

**Use your hands!** Line up 5 small things in a row to make a path home. Walk Pip along it with your fingers.

**Real-life mission:** Ask a grown-up to tell you the story of Rama coming home. Who came home with him? Tell Pip!

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

bell

snowflake

diya







Mission done!

Quiz: C, lit rows of lamps. The story says the people of Ayodhya lit rows of diyas to welcome Rama, Sita and Lakshmana home. Many families light diyas at Diwali to remember it. Order: lived in the forest then came home then lamps were lit. Lines: bell to its picture, snowflake to its picture, diya to its picture.

MISSION 3
Level 1 · My Body

# The Sleepy Mystery

Explorer: _____



Every night my eyes feel heavy and I yawn and yawn. Why does my body need to sleep?

## 1 Point and guess! What does your body do while you sleep?



**A** rests and grows

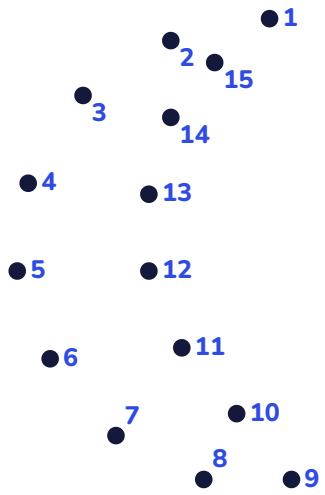


**B** drives around



**C** freezes

## 2 Join the dots from 1 to 15




What did you make? Colour it in!

## 3 Tick what helps you sleep well



bed ☐



drum ☐



pillow ☐



cracker ☐



sun ☐



bell ☐

**Use your hands!** Make a little bed for a toy from a cloth. Tuck it in tight and tell it goodnight.

**Real-life mission:** Tonight, notice what you do just before you fall asleep. Tomorrow, tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: A, rests and grows. While you sleep, your body rests, repairs itself and grows. Your brain sorts out what you learned that day. The dots make a crescent moon. Ticks: bed, pillow. Shadows: each picture joins the shadow of the same shape.

MISSION 4
Level 1 · Living World

# The Butterfly Secret

Explorer: _____



I saw a fat caterpillar on a leaf. Paati says it will become a butterfly! How can that be?

## 1 Point and guess! Where does a caterpillar change into a butterfly?



**A** inside a bird's nest



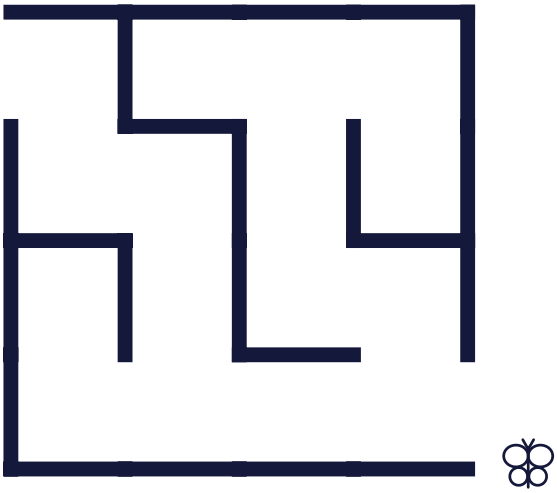
**B** inside a hard case called a pupa



**C** inside a flower

## 2 Help Pip get to the butterfly

Start



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



caterpillar ●



butterfly ●



pupa ●



tiny egg ●

● 1 ● 2 ● 3 ● 4

**Use your hands!** Fold a paper in half. Dab paint on one side, press the halves together, open. Butterfly wings!

**Real-life mission:** Look under leaves in a garden for a caterpillar or a pupa. Look, but do not touch. Tell Pip!

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

flower ●

fish ●

egg ●

● 

● 

● 

Mission done!

Quiz: B, inside a hard case called a pupa. A caterpillar wraps itself in a hard case called a pupa (a moth makes a cocoon). Inside, its body changes into a butterfly. Order: tiny egg then caterpillar then pupa then butterfly. Lines: flower to its picture, fish to its picture, egg to its picture.

MISSION 5
Level 1 · Living World

# The Ant Parade

Explorer: _____



A long line of ants walked across our kitchen floor to a sugar crumb! How do they all know the way?

## 1 Point and guess! How do ants find the way to food?



A they read signs



B they take a bus



C they follow a smell trail

## 2 Help the ant get to the sweet

Start



## 3 Tick the insects. Careful, some are tricky!



ant ☐



spider ☐



bee ☐



snake ☐



butterfly ☐



frog ☐

**Use your hands!** Carry one grain of rice on a spoon across the room like an ant. Do not drop it!

**Real-life mission:** Put one grain of sugar near an ant line with a grown-up. How long until an ant finds it? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: C, they follow a smell trail. An ant that finds food leaves a smell trail on the way home. Other ants follow the smell. Ticks: ant, bee, butterfly. Shadows: each picture joins the shadow of the same shape.

MISSION 6
Level 1 · Diwali

# The Smoky Sky

Explorer: _____



The morning after Diwali, the sky looked grey and the air smelled smoky. Where did the smoke come from?

## 1 Point and guess! What makes the air smoky after Diwali?



**A** rain clouds



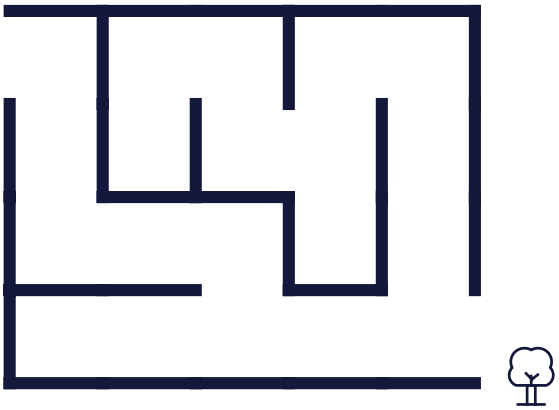
**B** smoke from crackers



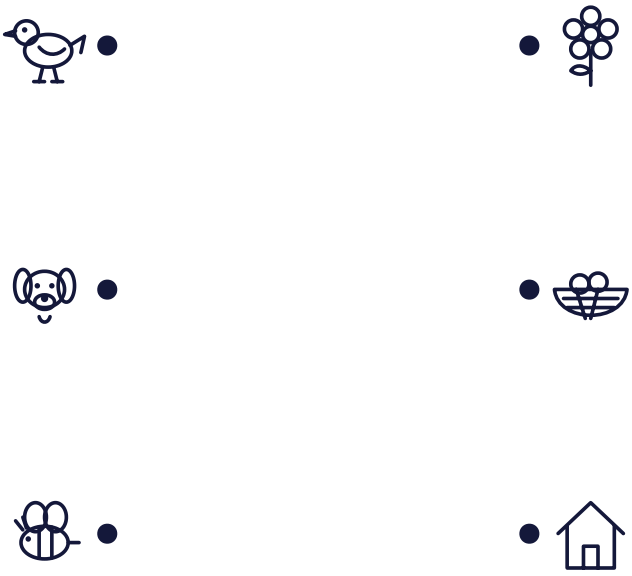
**C** the moon

## 2 Help the bird fly to the tree

Start



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



**Use your hands!** Breathe on a mirror or a cold window. Draw in the mist with your finger.

**Real-life mission:** On the morning after Diwali, look at the sky from a window. Does the air look hazy? Look again two days later. Is it clearer? Tell Pip!

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

cloud

moon

diya



Mission done!

Quiz: B, smoke from crackers. Crackers make smoke that hangs in the air for a while. Diyas and electric lights make far less smoke. Lines: bird to nest, dog to house, bee to flower. Lines: cloud to its picture, moon to its picture, diya to its picture.

MISSION 7
Level 1 · Geography

# Penguin Land

Explorer: _____



Penguins have wings but they cannot fly! Where do they live, and what do they do with their wings?

## 1 Point and guess! What do penguins use their wings for?



A flying high

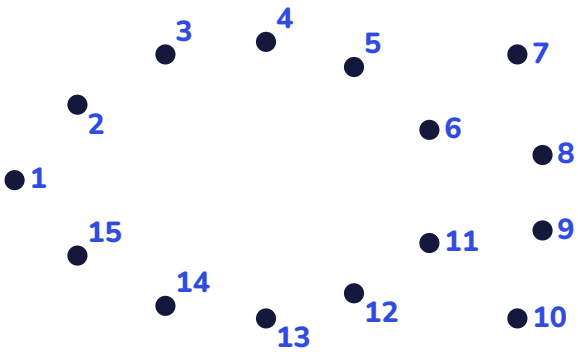


B drumming



C swimming

## 2 Join the dots from 1 to 15




What did you make? Colour it in!

## 3 Tick every animal that has feathers.



penguin ☐



fish ☐



owl ☐



cat ☐



hen ☐



frog ☐

**Use your hands!** Make a penguin from play dough: a big body, a small head, two flippers and a beak.

**Real-life mission:** Waddle like a penguin across the room with your arms down by your sides. Is it easy? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: C, swimming. Penguins use their wings like flippers to swim fast. Many live in the cold south near Antarctica, and some live in warmer places like South Africa. The dots make a fish. Ticks: penguin, owl, hen. Shadows: each picture joins the shadow of the same shape.

MISSION 8
Level 1 · Living World

# The Tiny Tadpole

Explorer: _____



In the pond there were tiny black wriggly things with tails. Paati says they will become frogs!

## 1 Point and guess! What does a tadpole grow into?



A a fish

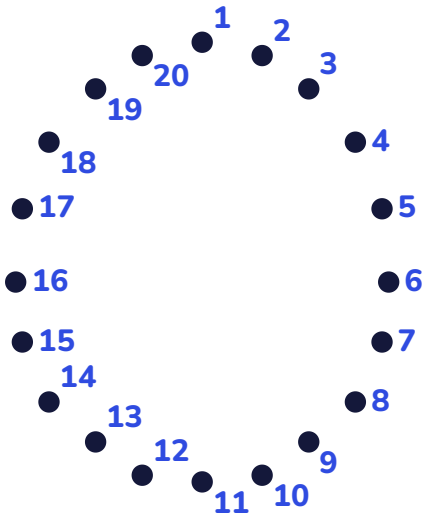


B a frog



C a snake

## 2 Join the dots from 1 to 20




What did you make? Colour it in!

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



frog



eggs in water



tadpole

1 2 3

**Use your hands!** Roll a play dough ball. Add a tail. Then add 4 legs. Your tadpole becomes a frog!

**Real-life mission:** Visit a pond or lake with a grown-up. Can you spot a frog, a tadpole or a lotus? Tell Pip!

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

fish

frog

snake







Mission done!

Quiz: B, a frog. Frogs lay eggs in water. The eggs hatch into tadpoles, which grow legs, lose their tails and become frogs. The dots make an egg.
Order: eggs in water then tadpole then frog. Lines: fish to its picture, frog to its picture, snake to its picture.

MISSION 9
Level 1 · Earth & Weather

# Where Wind Comes From

Explorer: _____



I cannot see the wind, but it blew my hat away! Where does wind come from?

## 1 Point and guess! What is wind?



**A** moving water

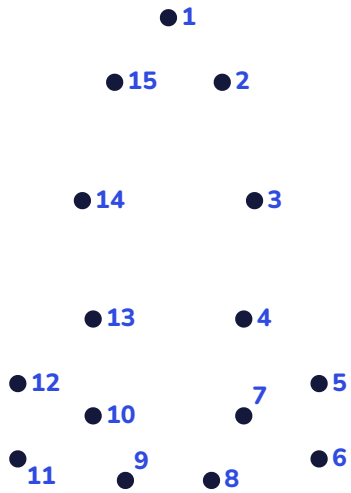


**B** moving rocks



**C** moving air

## 2 Join the dots from 1 to 15




What did you make? Colour it in!

## 3 Tick the ones the wind can move



kite ☐



house ☐



leaf ☐



rock ☐



boat ☐

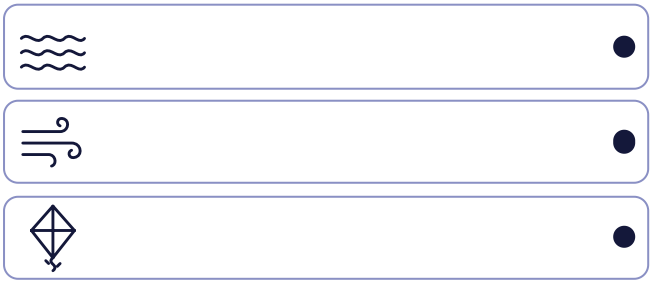


dandelion ☐

**Use your hands!** Fold a paper into a zig-zag fan. Fan a feather across the table.

**Real-life mission:** On a windy day, hold up a ribbon or a tissue. Which way is the wind blowing? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.



Mission done!

Quiz: C, moving air. The sun warms some places more than others. Warm air rises and cooler air rushes in to take its place. That moving air is wind. The dots make a rocket. Ticks: kite, leaf, boat, dandelion. Shadows: each picture joins the shadow of the same shape.

MISSION 10
Level 1 · Living World

# Seeds on the Move

Explorer: _____



I blew on a fluffy dandelion and its seeds flew away! Where do plant seeds go?

## 1 Point and guess! How do dandelion seeds travel?



A in a car



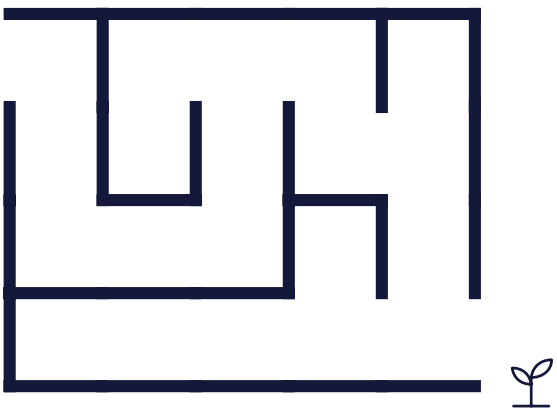
B the wind carries them



C they crawl

## 2 Help the seed find a place to grow

Start



## 3 Draw a line to match! How does each seed travel?













**Use your hands!** Blow a feather and a cotton ball across a table. Which one travels farther?

**Real-life mission:** Find a fluffy seed or a dry leaf. Drop it and blow gently. How far does it fly? Tell Pip!

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

car

wind

snake







Mission done!

Quiz: B, the wind carries them. Dandelion seeds have tiny fluffy parachutes, so the wind carries them far away to grow new plants. Lines: dandelion to wind, coconut to sea waves, apple to bird. Lines: car to its picture, wind to its picture, snake to its picture.

MISSION 11
Level 1 · Sky & Space

# Planet Hunt

Explorer: _____



Earth is a planet. Are there other planets out there, going round and round the sun?

## 1 Point and guess! How many planets go around our sun?



A only one, the Earth

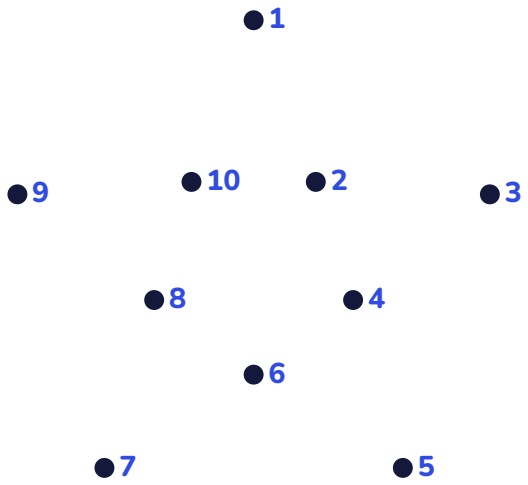


B eight planets



C a hundred

## 2 Join the dots from 1 to 10




What did you make? Colour it in!

## 3 Tick the things you can find in space



planet ☐



tree ☐



star ☐



car ☐



rocket ☐

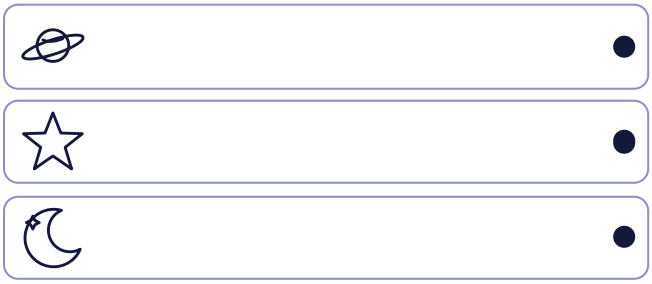


moon ☐

**Use your hands!** Roll 3 play dough planets: small, middle, big. Line them up from smallest to biggest.

**Real-life mission:** On a clear evening, ask a grown-up to help you find a very bright dot that does not twinkle. It might be a planet! Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.



Mission done!

Quiz: B, eight planets. Eight planets travel around the sun, and Earth is one of them. Jupiter is the biggest. The dots make a star. Ticks: planet, star, rocket, moon. Shadows: each picture joins the shadow of the same shape.

MISSION 12
Level 1 · Diwali

# The Festival of Lights

Explorer: _____



Everyone is lighting tiny lamps on their doorsteps tonight! Why do we light so many diyas at Diwali?

## 1 Point and guess! What does a diya need to keep burning?



A water

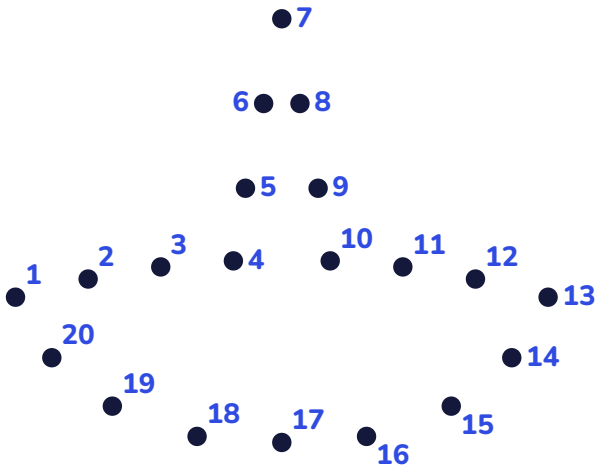


B oil and a cotton wick



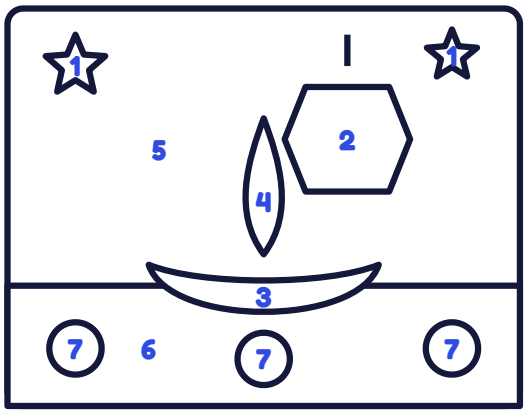
C leaves

## 2 Join the dots from 1 to 20




What did you make? Colour it in!

## 3 Colour by number




1 yellow 2 red 3 brown 4 orange 5 dark blue 6 green 7 pink

**Use your hands!** Roll play dough into a small bowl to make your own diya. Pinch one edge for the wick.

**Real-life mission:** With a grown-up, look at a diya before and after it burns for an hour. Is there less oil? Tell Pip!

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

water

diya

leaf







Mission done!

Quiz: B, oil and a cotton wick. A diya burns oil that climbs up a cotton wick. Lighting diyas shows light winning over darkness. The dots make a diya. Lines: water to its picture, diya to its picture, leaf to its picture.

MISSION 13
Level 1 · My Body

# Thump Thump Faster

Explorer: _____



After I raced my friend, my heart was going THUMP THUMP THUMP really fast! Why?

## 1 Point and guess! When does your heart beat fastest?



**A** when you cycle fast



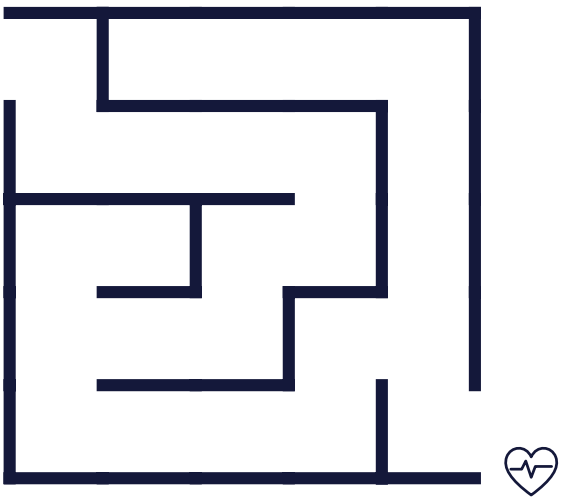
**B** when you are asleep



**C** when you lie down

## 2 Help Pip race to the finish

Start



## 3 Tick what helps keep your heart healthy



apple ☐



sweet ☐



bicycle ☐



lollipop ☐



carrot ☐



water ☐

**Use your hands!** Find the pulse on your wrist with two fingers. Jump 10 times. Feel it again.

**Real-life mission:** Put your hand on your chest. Now jump 20 times. Is your heart beating faster? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: A, when you cycle fast. When you run or cycle, your muscles need more air and food from your blood, so your heart pumps faster. Ticks: apple, bicycle, carrot, water. Shadows: each picture joins the shadow of the same shape.

MISSION 14
Level 1 · Earth & Weather

# The Fire Mountain

Explorer: _____



I saw a picture of a mountain with fire and smoke coming out of the top! What is it?

## 1 Point and guess! What comes out of a volcano?



A hot melted rock



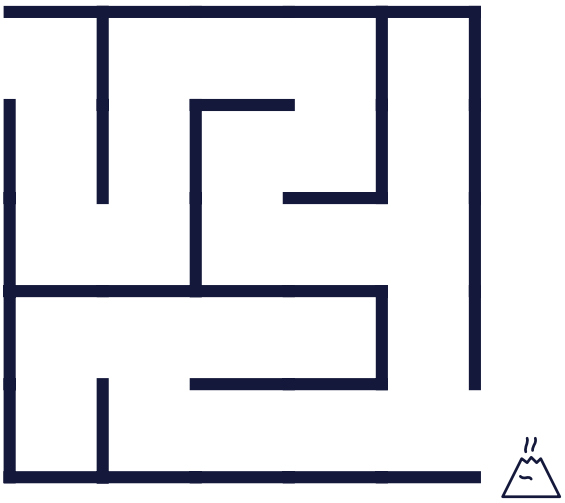
B ice cream



C sea water

## 2 Help Pip get safely past the volcano

Start



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



it erupts



lava cools into rock



a mountain

1 2 3

**Use your hands!** Build a mountain from play dough. Poke a crater into the top with your finger.

**Real-life mission:** With a grown-up, watch chocolate or butter melt in a warm pan, then cool and go hard again. That is like lava! Tell Pip!

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

sea waves

mountain

cloud







Mission done!

Quiz: A, hot melted rock. Deep inside the Earth it is so hot that rock melts. A volcano is where that melted rock, called lava, comes out. Order: a mountain then it erupts then lava cools into rock. Lines: sea waves to its picture, mountain to its picture, cloud to its picture.

MISSION 15
Level 1 · Everyday Science

# The Brown Apple

Explorer: _____



I cut an apple and left half on the plate. Later it had turned brown! Did it go bad?

## 1 Point and guess! What turns a cut apple brown?



A the moon



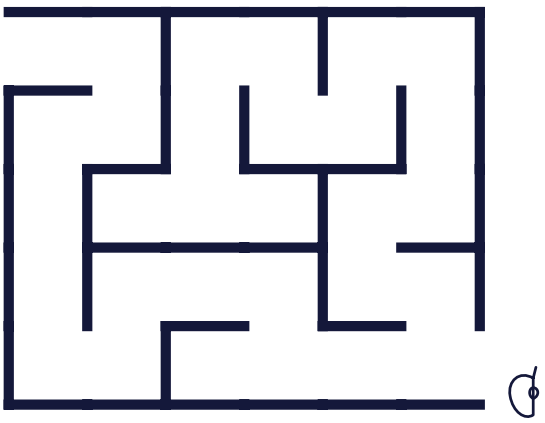
B the air



C salt

## 2 Help Pip get to the apple

Start



## 3 Tick the fruits. One is tricky!



apple ☐



carrot ☐



banana ☐



bread ☐



coconut ☐



egg ☐

**Use your hands!** Smell a slice of apple and a slice of lemon. Which smell is stronger?

**Real-life mission:** With a grown-up, cut an apple in half. Squeeze lemon on one half only. Which half goes brown first? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.













Mission done!

Quiz: B, the air. When a cut apple touches the air, a part of the air called oxygen turns it brown. It is still safe to eat, and lemon juice slows it down. Ticks: apple, banana, coconut. Shadows: each picture joins the shadow of the same shape.

MISSION 16
Level 1 · Living World

# The Chewing Cow

Explorer: _____



The cow on our street was chewing and chewing, but she was not eating anything new! What was she doing?

## 1 Point and guess! Why do cows chew for so long?



A they are eating sweets

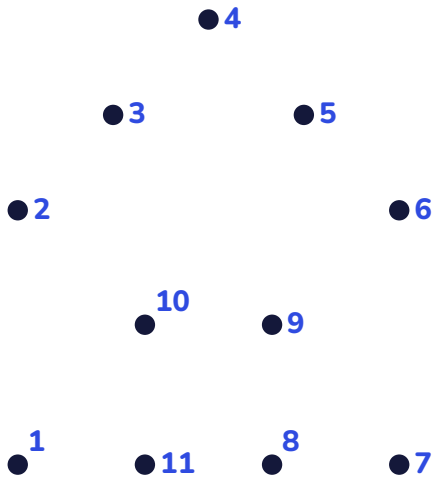


B grass is tough, so they chew it twice



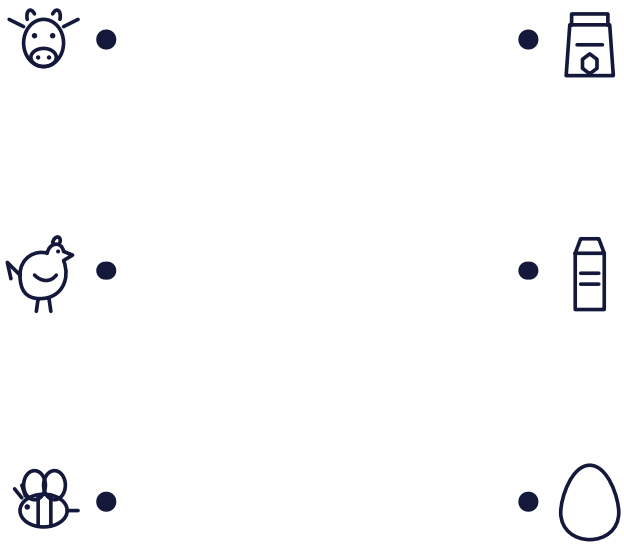
C they are singing

## 2 Join the dots from 1 to 11




What did you make? Colour it in!

## 3 Draw a line to match! What does each one give us?



**Use your hands!** Put your fingers on your cheeks and chew sideways like a cow. Feel your jaw move.

**Real-life mission:** At your next meal, chew one bite 20 times before you swallow. How does it change? Tell Pip!

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

sweet

bell

fish



Mission done!

Quiz: B, grass is tough, so they chew it twice. Grass is hard to digest. A cow swallows it, brings it back up as cud and chews it again. The dots make a house. Lines: cow to milk, hen to egg, bee to honey. Lines: sweet to its picture, bell to its picture, fish to its picture.

MISSION 17
Level 1 · Everyday Science

# Mirror Mirror

Explorer: _____



When I look in the mirror, an owl just like me looks back and copies everything I do! How?

## 1 Point and guess! Why can you see yourself in a mirror?



**A** there is a lamp inside

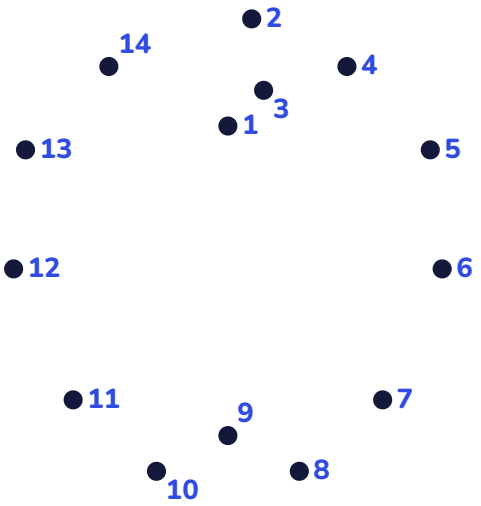


**B** light bounces straight back off it



**C** a twin lives inside

## 2 Join the dots from 1 to 14




What did you make? Colour it in!

## 3 Tick the things you could see yourself in


mirror ☐


rock ☐


spoon ☐


leaf ☐


puddle ☐


bread ☐

**Use your hands!** Stand at a mirror and lift your right hand. Which hand does your reflection lift?

**Real-life mission:** Look at yourself in a shiny spoon. Turn it around. Which side shows you upside down? Tell Pip!

## 4 Shadow match! Draw a line from each picture to its shadow.








Mission done!

Quiz: B, light bounces straight back off it. A mirror is very smooth and shiny, so light bounces straight back off it and shows you yourself. The dots make an apple. Ticks: mirror, spoon, puddle. Shadows: each picture joins the shadow of the same shape.

MISSION 18
Level 1 · Insects

# The Grass Singer

Explorer: _____



In the field I heard a scratchy little song: tsk tsk tsk! Then a grasshopper jumped out. Was it singing?

## 1 Point and guess! How does a grasshopper make its song?



**A** it whistles with a beak



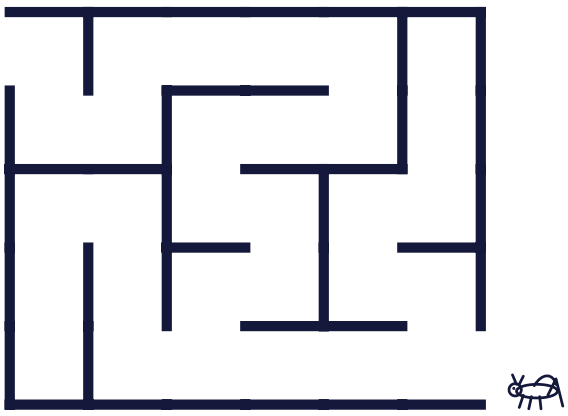
**B** it bangs a tiny drum



**C** it rubs its back legs on its wings

## 2 Help Pip find the grasshopper

Start



## 3 Tick the insects. Careful, three are not!



grasshopper ☐



spider ☐



ladybird ☐



snake ☐



mosquito ☐



crab ☐

**Use your hands!** Run a fingernail along the teeth of a comb. Hear the grasshopper song?

**Real-life mission:** Rub two dry leaves or two pieces of paper together fast. Can you make a grasshopper sound? Tell Pip!

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

bird ●

drum ●

spider ●

● 

● 

● 

Mission done!

Quiz: C, it rubs its back legs on its wings. Many grasshoppers make their song by rubbing their back legs against their wings, like a bow on a violin. Ticks: grasshopper, ladybird, mosquito. Lines: bird to its picture, drum to its picture, spider to its picture.