

Science and Social Studies

Year 2 Term 4

Student Book

TERM 4

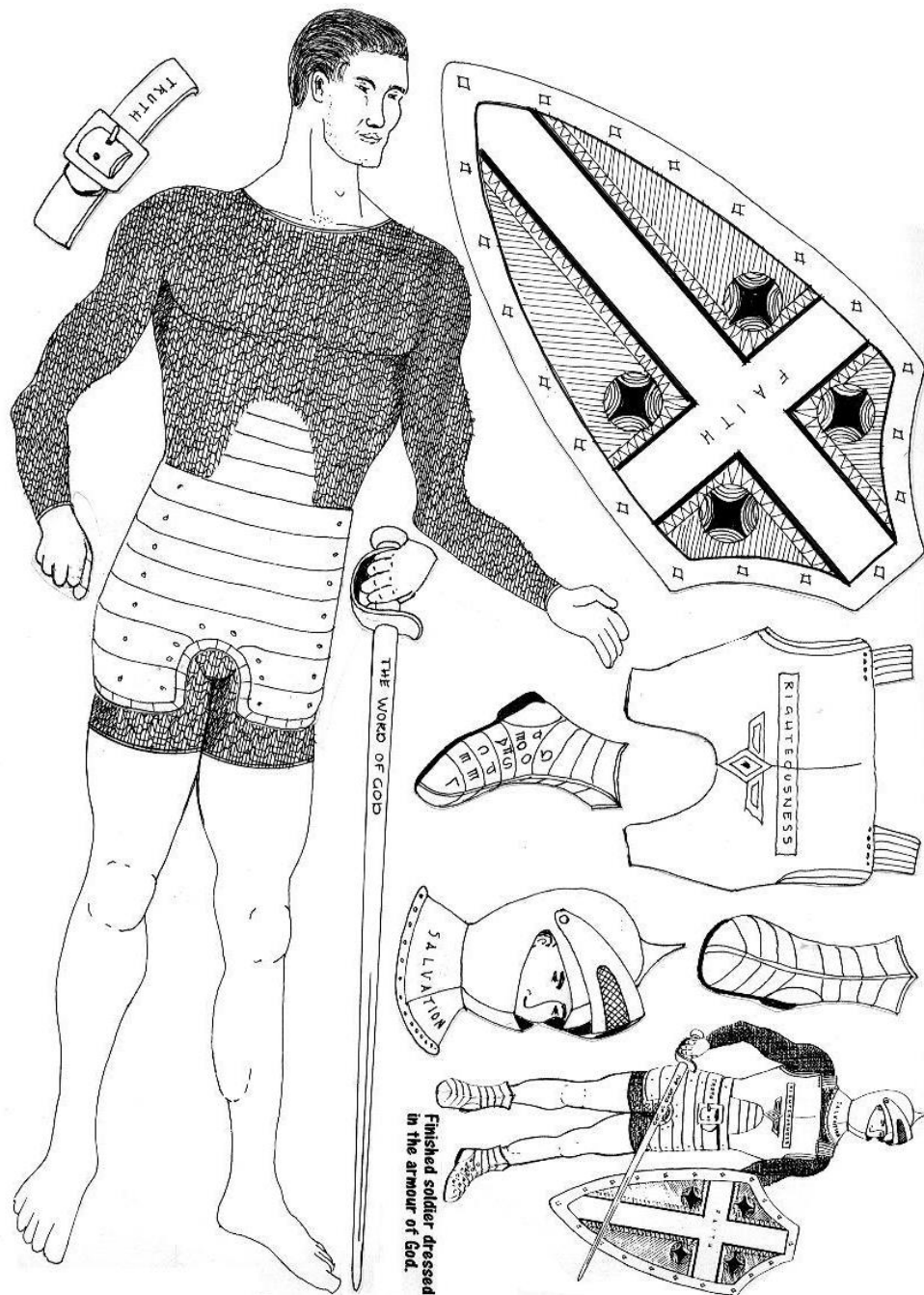
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God is Protector – How animals hide

God protects us from the power of Satan, by giving us the armour of God.

God gives animals a way of protecting themselves – some through camouflage, some through protective shells and some through protection of animal parents.



How animals hide

Draw a picture in each box

1

Many animals hide to protect themselves from danger.

2

Many animals can blend in with the colours and patterns around them.

3

A sand crab is the same colour as the sand. It is hard to see.

4

A zebras has stripes which helps it to blend in with the shadows of the trees.

5

A brown moth blends in with the tree trunk that it sits on.

6

A green tree frog is hard to see among the leaves of the rainforest.

7

A stick insect looks like a twig on a branch.

8

A green caterpillar is hard to see on a green leaf.

9

Some animals can change their colour to blend in.

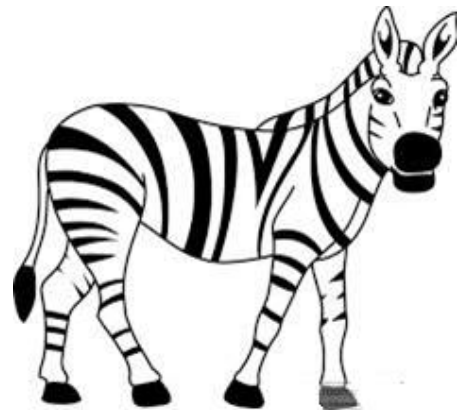
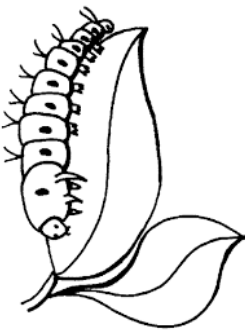
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A chameleon can change colour to blend in with the plant that it hangs on to.

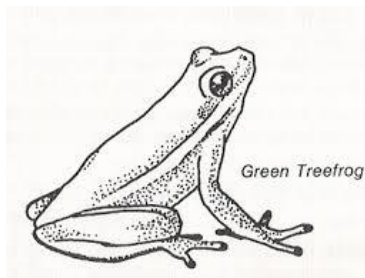
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How can animals do this? Only God could make animals to do this. When He made them, He knew that one day they would have to protect themselves from danger.

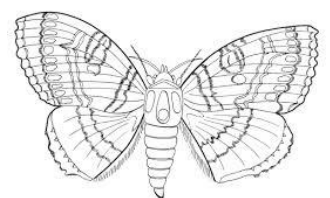
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chameleon



4





Crabs

1

Crabs do not have bones. Most crabs have strong thick shells instead. The shell protects the crab from sharp rocks.

2

The shell protects the crab from other sea animals too. A small fish will not eat the crab.

3

Insects have six legs. Spiders have eight legs. Crabs have ten legs. On the front legs a crab has claws.

4

Claws help the crab to pick up food.

5

Crabs can fight with their claws.

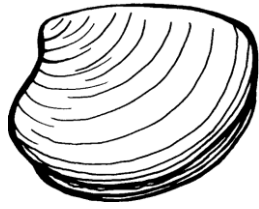
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Most crabs eat dead fish and dead sea animals.

7

Sometimes they eat pieces of food left by big fish.

8



Shellfish

1

Some shellfish have only one shell.

2

Some shellfish have two shells.
These shellfish can open and close
their shells.

3

Most shellfish with one shell live on
rocks. These shellfish have a large foot
to help it cling to the rocks.

4

The shellfish also uses its foot to
move with.

5

Most shellfish with two shells live
in the sand or the mud.

6

These shellfish use their large foot
to dig in the sand.

7

A clam hides from other animals by
doing this.

8

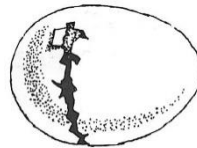
<p>Some shellfish eat tiny plants and animals that float about in the water.</p> <p>9</p>	<p>Most shellfish live in the sea.</p> <p>10</p>
<p>Some shellfish live in rivers or lakes.</p> <p>11</p>	<p>Shellfish belong to the snail family. Snails live on land.</p> <p>12</p>
<p>Many shellfish are good to eat. Some people eat snails too.</p> <p>13</p>	<p>Fish like to eat shellfish too.</p> <p>14</p>
<p>The shell of a shellfish <u>protects</u> it from small fish.</p> <p>15</p>	<p>A shellfish does not have a backbone. It has a shell instead.</p> <p>16</p>

The story of the chick

Copy the story into your book. Fill in the missing words and draw a picture for each.

egg crack hatches feet chick

1. The mother bird lays an egg, in a nest. She protects the _____ by keeping it warm.
2. Soon a young _____ begins to grow inside the egg. Soon there is a head, a beak and _____
3. After about 21 days the egg begins to _____ and the chick starts to hatch.
4. A young chick _____ from the egg, ready to start its new life.

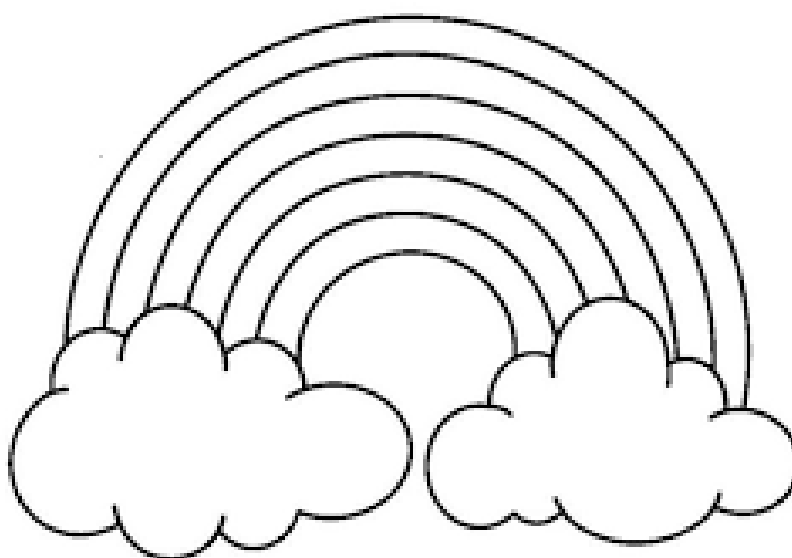


God is Truth – Light and colour

God always does what He says He will do. His word is true. God gave us the rainbow as a promise, that He keeps His word.

Draw a rainbow in your book. Draw 7 curved lines. That makes room for 6 coloured bands. Colour the bands in this order, starting with red on the outside:

red, orange, yellow, green, blue, purple



Make a book about light and colour using the information on the next page.

Light and colour

1

It is light that lets you see things.

2

In the dark you cannot see at all.

3

**The sun gives us daylight.
The moon gives us moonlight.**

4

**Fire gives us light.
Electricity gives light.
God made these things to give us light.**

5

**The sun sends out rays of light.
It shines on the Earth.**

6

**But the sun shines only on one side of the
earth at a time.**

**Half the earth has daytime while half the
earth has night time.**

7

**The moon is like a giant mirror.
It bounces sunlight on to the earth.**

8

What makes shadows?

Shadows are made when something blocks the light of the sun.

What is blocking the sun's light in the picture below?

When the sun is overhead there are no shadows. But when the sun is lower in the sky it forms shadows.



In your book, draw some animals, and the shadow they make.

What is a reflection?

A reflection happens when light bounces off a shiny surface, like a mirror.

What other shiny surface can cause a reflection?

God is Lord and King

The true story of how Jesus came to live on earth

About 2,000 years ago there lived a young woman named Mary. She lived in the small town of Nazareth in what is now the country of Israel.

She wasn't married, but she was engaged to a man named Joseph. They were planning on getting married.

One night, while Mary was sleeping, an angel came to her with a special message. At that time they didn't have a Bible like we do. God sent His messages through people and angels instead.

The angel that came to Mary was named Gabriel. God had a special message for Mary.

He said, "God has chosen you. The Lord is with you."

Mary was frightened and didn't understand what was going on. So the angel told her more.

"Don't be afraid, Mary. God is with you. You will have a baby boy. You are to name him Jesus. He will be a great man and will be called the Son of God.

Mary asked Gabriel how she could have a baby when she was not married. The angel told her that the Holy Spirit would make it happen.

Mary trusted God and said that she would serve Him.

An angel came to Joseph at night too! The angel of the Lord said, "Joseph, son of David, do not be afraid to take Mary as your wife, because the baby within her is from the Holy Spirit. She will give birth to a son, and you are to give him the name Jesus, because he will save his people from their sins."

So Joseph did as the angel told him. He married Mary.

But they had to soon go on a trip. The emperor, Ceasar Augustus wanted a list of all the people in his empire because he wanted to make sure everyone paid taxes. That is called a census.

So everyone had to go to the town that their family first came from. That meant Joseph and Mary had to travel a long way from Nazareth to Bethlehem.

They didn't have cars or even bicycles back then! They had to walk or ride on donkeys. It took them a long time to get to Bethlehem.

Once they were in Bethlehem, they had a hard time finding a place to stay. The town was full of people who had come for the census.

All the guest rooms and inns were full. Mary and Joseph needed a place to stay because Mary was about to have her baby.

They finally stopped at an inn where the innkeeper said they could stay in the stable where the animals were kept. That night Jesus was born right next to the animals!

Mary wrapped baby Jesus in cloths that she had brought with her so the baby wouldn't get cold. Then she laid him in a manger. A manger is a feeding trough for the animals. Mary laid Jesus on the hay.

That same night, there were shepherds watching their flocks of sheep out on a hillside near Bethlehem and an angel appeared to them. They saw a bright light all around them. It was the light of God. They were scared.

But the angel said, "Do not be afraid. I bring you good news for all the people. Today in the town of Bethlehem a special baby has been born. He will be the Saviour of the world. This will be a sign to you: You will find a baby wrapped in cloths and lying in a manger."

Then all of a sudden many angels appeared along with the first angel and they all said together, "Glory to God".

Then the angels left the shepherds and the shepherds quickly went into the town of Bethlehem to find Jesus.

They found Jesus, Mary, and Joseph in the stable and then they told everyone the news that Jesus was born! Everyone was amazed at what the shepherds told them.

Something special had happened when Jesus was born. A bright star appeared in the sky that had never been there before.

There were wise men that came from far away in the East to see Jesus. When they saw the star in the sky, they followed it all the way to Jerusalem. This was a couple of years after Jesus was born.

When they got to Jerusalem, they asked King Herod, “Where is the one who has been born king of the Jews? We saw his star when it rose and have come to worship him.”

King Herod was not happy with this news. He was afraid that Jesus would take his place. So he told the wise men to go and find the baby, and then come back and tell him where Jesus was so he could worship him too.

But King Herod was lying. He didn’t really want to worship Jesus.

The wise men followed the star to the exact home that Mary, Joseph, and Jesus were living in.

They were so happy to find Jesus! When they got to the home, they bowed down and worshiped Jesus.

Then they gave him gifts of gold, special oil and spices. While they were there, they were told by God in a dream not to go back to King Herod. Instead, they went home a different way.

After they left, King Herod found out that the wise men weren’t coming back to him and he was very angry. He wanted to kill Jesus!

But God told Joseph in a dream to leave Bethlehem and go to Egypt so that Jesus would be safe.

They stayed in Egypt until King Herod died. Then when it was safe they returned to Nazareth.

