



Collins Big Cat Book Links in Snap Science

YEAR 1

Looking at Animals

Night Animals Louise Spilsbury 978-0-00-741295-2 Band 3 Yellow	When we go to sleep at night, some animals are just waking up.
Animals in Hiding Charlotte Guillain 978-0-00-751285-0 Band 4 Blue	How animals camouflage themselves in their environment.
Fly Facts Janice Marriott 978-0-00-718608-2 Band 7 Turquoise	Everything that you ever wanted to know about flies – and maybe a few things you didn't.

Materials

New from Old: Recycling Plastic Anthony Robinson 978-0-00-741299-0 Band 4 Blue	We all know recycling is important, but what actually happens to the things we recycle?
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OCW Animals

So You Want A Pet? Anne Rooney 978-0-00-759116-9 Band 8 Purple	All you need to know about keeping a dog, a cat, a rabbit, a guinea pig, a mouse, a fish or a reptile.
My Pet Worm Sally Morgan 978-0-00-751282-9 Band 3 Yellow	Keep worms as pets and take care of them correctly.

OCW Plants

Crunch and Munch Nora Sands 978-0-00-718595-5 Band 5 Green	This recipe book is all you need to make some great healthy meals that are fun too.
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Plant Detectives

A Day at the Eden Project Kate Petty 978-0-00-718593-1 Band 5 Green	A young girl and her friend visit the Eden Project in Cornwall.
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Sensing Seasons

Our World Monica Hughes 978-0-00-751277-5 Band 2B Red	Take a look at climates and landscapes around the globe.
The Wind Monica Hughes 978-0-00-718577-1 Band 3 Yellow	This book informs early readers about the wind by showing its effects.
Around the World James Carter 978-0-00-718658-7 Band 3 Yellow	Travel through sun, snow and showers with two children.

Using Our Senses

Lights Monica Hughes 978-0-00-718680-8 Band 3 Yellow	Learn about the qualities of each kind of light and the relationship between dark and light.
Sounds Julie Sykes 978-0-00-718584-9 Band 4 Blue	Crash! Buzz! Hum! There are sounds all around you. Which sounds do you like?

YEAR 2

Apprentice Gardener

Harry's Garden Kim Wilde 978-0-00-718676-1 Band 4 Blue	Kim Wilde and her son, Harry, show how to make a garden in an old wheelbarrow.
The Gardening Year Becky Dickinson 978-0-00-759107-7 Band 6 Orange	Follow a garden through its annual cycle, with all key milestones explained and beautifully illustrated.

Growing Up

Growing and Changing Teresa Heapy 978-0-00-741298-3 Band 4 Blue	As we grow up, our bodies grow and change with us.
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Materials

From Tree To Book Sarah Levison 978-0-00-759111-4 Band 7 Turquoise	Find out how a tree turns into a book, and learn about the properties of all the materials along the journey.
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OCW

The Helper Bird Anita Ganeri 978-0-00-741294-5 Band 3 Yellow	This little bird may be small, but it's very helpful to bigger animals.
The Baby Turtle Andy and Angie Belcher 978-0-00-718659-4 Band 3 Yellow	Follow the first day of a baby turtle, from hatching on the beach onwards.

Shaping Up

Bounce, Catch, Kick, Throw Janice Marriott 978-0-00-718602-0 Band 6 Orange	What makes a ball bounce? How is a football made? Which ball can't bounce?
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Take Care

Marathon John Foster 978-0-00-718689-1 Band 6 Orange	Find out all about one of the toughest and most popular running events.
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Where Do You Live

The Oak Tree Anna Owen 978-0-00-718562-7 Band 2B Red	What lives in, on or under the oak tree? Find out in this simple non-fiction book.
Spines, Stings and Teeth Andy and Angie Belcher 978-0-00-718589-4 Band 5 Green	What dangers do animals that live underwater face and how do they stay safe from harm?



Collins Big Cat Book Links in Snap Science

YEAR 3

OCW

Catching Flies June Crebbin 978-0-00-746181-3 Band 9 Gold	A beautiful poetry book exploring the themes of wildlife, the seasons and life's simple pleasures.
Star Gazing Celia Warren 978-0-00-746531-6 Band 12 Copper	A beautifully illustrated poetry book focusing on the delights of the natural world.
Jaws and Claws and things with Wings Valerie Bloom 978-0-00-746539-1 Band 14 Ruby	A poetry collection inspired by the strange and wonderful creatures in the natural world.

How does your garden grow?

Harry's Garden Kim Wilde 978-0-00-718676-1 Band 4 Blue	Kim Wilde and her son, Harry, show how to make a garden in an old wheel barrow.
A Day at the Eden Project Kate Petty 978-0-00-718593-1 Band 5 Green	A young girl and her friend visit the Eden Project in Cornwall.
Cloud Forest Nic Bishop 978-0-00-718641-9 Band 11 Lime	A fascinating introduction to one of the world's most beautiful and mystifying types of forest.
Chocolate Anita Ganeri 978-0-00-746533-0 Band 12 Copper	Trace the journey chocolate makes, from the cocoa bean on the tree.
Jack and the Baked Bean Stalk David Wood 978-0-00-722875-1 Band 13 Topaz	Playscript. A humorous retelling of the traditional tale.

Rock detectives

Top Dinosaurs Maoliosa Kelly 978-0-00-718571-9 Band 4 Blue	All the top dinosaur facts, from how to say their name, to their size and special features.
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Living Dinosaurs Jonathan and Angela Scott 978-0-00-718673-0 Band 8 Purple	Ever wondered why the dinosaurs didn't survive?
Animal Ancestors John Hughes 978-0-00-718625-9 Band 9 Gold	Can you imagine a world with giant earth moles and whales that could walk?
China's Terracotta Army Juliet Kerrigan 978-0-00-746203-2 Band 9 Gold	Learn about the army of over 6,00 terracotta warriors in the tomb of the first Emperor of China.
Fossils Dr Andrew Ross 978-0-00-733619-7 Band 10 White	Explore the extraordinary world of fossils; find out how they are formed where to find them and how to identify them.
What happened to the Dinosaurs? Jon Hughes 978-0-00-723084-6 Band 13 Topaz	The mystery of why the dinosaurs disappeared from earth is still to be solved.

Can you see me?

Monster in the Mirror Jean Ure 978-0-00-733623-4 Band 12 Copper	Stretch the cat and Woffles the dog have their lives turned upside down.
Maui Tames the Sun Alan Trussell-Cullen 978-0-00-722871-3 Band 15 Emerald	Playscript. Long ago, the sun raced across the sky.

The power of forces

How Does it Work? Gill Matthews and Sylvia Karavis 978-0-00-718627-3 Band 9 Gold	Have you ever wondered how a friction car, a yo-yo or a kaleidoscope works?
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Amazing bodies

Olympic Heroes Jillian Powell 978-0-00-746190-5 Band 5 Green	Find out which athletes have overcome racial inequality, illness and disabilities to earn their medals.
Marathon John Foster 978-0-00-718689-1 Band 6 Orange	Find out all about one of the toughest and popular running events.
Captain Scott: Journey to the South Pole Adrian Bradbury 978-0-00-746199-8 Band 8 Purple	One hundred years ago, the explorer Captain Scott wanted to be the first person to reach the South Pole.
Escape from the Island Michael Butt 978-0-00-733616-6 Band 9 Gold	As five friends paddle around the bay in their dinghy, none of them see a storm coming until it is too late.
Where on Earth? Scoular Anderson	Learn about many of the great explorers, and

978-0-00-7186334 Band 11 Lime	some lesser known ones.
True Life Survival Janice Vale 978-0-00-7230780-5 Band 12 Copper	Three people who faced unimaginable danger and survived.
Brown bread and Honey Mark Carthew 978-0-00-722877-5 Band 12 Copper	Playscript. The King loved his food! But he was getting slower and fatter.
The Olympic Games John Foster 978-0-00-723120-1 Band 13 Topaz	When did the Olympics begin? What's it like to compete?
Extreme Sports Adrian Bradbury 978-0-00-733632-6 Band 14 Ruby	Find out about the dangers people face in extreme sports.
My Olympic Story Kwame N. Acheampong 978-0-00-733636-4 Band 15 Emerald	Follow Kwame's amazing life.

YEAR 4

OCW

Catching Flies June Crebbin 978-0-00-746181-3 Band 9 Gold	A beautiful poetry book exploring the themes of wildlife, the seasons and life's simple pleasures.
Star Gazing Celia Warren 978-0-00-746531-6 Band 12 Copper	A beautifully illustrated poetry book focusing on the delights of the natural world.
Jaws and Claws and things with Wings Valerie Bloom 978-0-00-746539-1 Band 14 Ruby	A poetry collection inspired by the strange and wonderful creatures in the natural world.
Life Cycles Sally Morgan 978-0-00-73341-8 Band 16 Sapphire	Explore the fascinating life cycle of the salmon in this highly photographic book.

In a state

Ice cream! Sue Graves 978-0-00-718701-0 Band 9 Gold	Find out lots of fascinating facts about ice cream and its history in this mouthwatering book.
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Where does all that food go?

The Digestive System Harriet Blackford 978-0-00-746198-1 Band 8 Purple	We know we all need to eat, but why do we need to and where does it go?
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Human impact

Living with Climate Change Alison Sage 978-0-00-723118-8 Band 12 Copper	Explore the issue of climate change through the experiences of children.
Fragile Earth Claire Llewellyn 978-0-00-723110-2 Band 17 Diamond	Is the world's climate changing? We all know the theory, but here is the evidence.
What If We Run Out of Oil? Nick Hunter 978-0-00-742834-2 Band 18 Pearl	What impact is our use of oil having on the environment?

Who am I?

Fly Facts Janice Mariott 978-0-00-718608-1 Band 7 Turquoise	Everything that you ever wanted to know about flies – and maybe a few things you didn't.
A Visit to the Farm Michael Morpurgo 978-0-00-718610-5 Band 7 Turquoise	An account of a child's stay at a farm.
Africa's Big Three Jonathan and Angela Scott 978-0-00-718693-8 Band 7 Turquoise	A look at the lives of Africa's biggest animals – the elephant, the rhino and the hippo
The Journey of Humpback Whales Andy Belcher 978-0-00-746183-7 Band 7 Turquoise	Discover the fascinating world of humpback whales, including their childhood and their search for food.
Why Can't Humans Fly? Sarah Fleming 978-0-00-746207-0 Band 10 White	Find out how animals are designed for their habitats.
Weird Little Monsters Nic Bishop 978-0-00-723080-8 Band 12 Copper	Watch your step! These weird little monsters are hard to spot.
Kings of the Wild Jonathan and Angela Scott 978-0-00-723085-3 Band 13 Topaz	BBC documentary makers take us deep into the kingdom of the brown bear.
Jaws and Claws and things with Wings Valerie Bloom 978-0-00-746539-1 Band 14 Ruby	A poetry collection inspired by the strange and wonderful creatures in the natural world.



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YEAR 5

OCW

Star Gazing Celia Warren 978-0-00-746531-6 Band 12 Copper	A beautifully illustrated poetry book focuses on the delights of the natural world.
Jaws and Claws and things with Wings Valerie Bloom 978-0-00-746539-1 Band 14 Ruby	A poetry collection inspired by the strange and wonderful creatures in the natural world.

Circle of Life

Kings of the Wild Jonathan and Angela Scott 978-0-00-723085-3 Band 13 Topaz	BBC documentary makers take us deep into the Kingdom of the brown bear
Jaws and Claws and things with Wings Valerie Bloom 978-0-00-746539-1 Band 14 Ruby	A poetry collection inspired by the strange and wonderful creatures in the natural world.
On Safari Jonathan and Angela Scott 978-0-00-723125-6 Band 15 Emerald	Find out what it is really like to go on safari.
The Leopard Poachers Kathy Hoopman 978-0-00-733639-5 Band 16 Sapphire	Sameer and Ali escape through the Arabian mountains, terrified that they will fall victim to leopard poachers.
Life Cycles Sally Morgan 978-0-00-733640-1 Band 16 Sapphire	Explore the fascinating life cycle of the Salmon in this highly photographic book

Reproduction

Life Cycles Sally Morgan 978-0-00-733640-1 Band 16 Sapphire	Explore the fascinating life cycle of the Salmon in this highly photographic book
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Space

Black Holes Anna Claybourne 978-0-00-746540-8 Band 14 Ruby	What is a black hole? Where do they come from? What do they do?
The Big Bang Andrew Solway 978-0-00-733641-8 Band 16 Sapphire	What was the Big Bang? What was the Universe like just after the Big Bang? Who discovered it?
The Traveller's Guide to the Solar System Giles Sparrow 978-0-00-723101-0 Band 16 Sapphire	Bored spending all your holidays on Mars? Travel further into space with this fact-packed guide.
Early Space Scientists: Copernicus, Galileo and Newton Katie Daynes 978-0-00-753017-5 Band 18 Pearl	Today, space scientists have built amazing new telescopes and satellites to look at galaxies millions of light years away from Earth. But it's the work and ideas of early space scientists like Copernicus, Galileo and Newton that have influenced how we see space, the universe and beyond ...

YEAR 6

OCW

Life Cycles Sally Morgan 978-0-00-733640-1 Band 16 Sapphire	Explore the fascinating life cycle of the Salmon in this highly photographic book
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Body Pump

Extreme Sports Adrian Bradbury 978-0-00-733632-6 Band 14 Ruby	Find out about the dangers people face in extreme sports
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Body Health

Extreme Sports Adrian Bradbury 978-0-00-733632-6 Band 14 Ruby	Find out about the dangers people face in extreme sports
My Olympic Story Kwame N. Acheampong 978-0-00-733636-4 Band 15 Emerald	Follow Kwame's amazing life.
Ade Adepitan: A Paralympian's Story Ade Adepitan 978-0-00-746548-4 Band 16 Sapphire	Paralympic medal winner and successful TV presenter, Ade Adepitan has led a remarkable life.

My Journey Across the Indian Ocean James Adair 978-0-00-746552-1 Band 17 Diamond	Sharks, huge waves and months at sea – these are just a few of the things that James and Ben had to battle against.
Becoming an Olympic Gymnast Beth Tweedle 978-0-00-742837-3 Band 18 Pearl	What's it like to be one of Britain's greatest gymnasts?
Swimming the Dream Ellie Symonds 978-0-00-742838-0 Band 18 Pearl	Find out about Paralympian Ellie's story of professional swimming and living with Achondroplasia Dwarfism.
The Tour de France Sean Callery 978-0-00-742839-7 Band 18 Pearl	Find out how the Tour began, what stages are involved and what prizes can be won.

Evolution

Evolution Steve Alton 978-0-00-733633-3 Band 14 Ruby	Find out about Charles Darwin's theory of evolution.
Charles Darwin and Alfred Russel Wallace Anna Claybourne 978-0-00-753014-4 Band 18 Pearl	Darwin and Wallace both wanted to find out more about nature. They both travelled around the world, and each discovered new kinds of plants and animals. The two men didn't know each other very well, so how did they come up with the same big idea – evolution?

Spring Checklist

March, April, May



- ☐ Birds collecting twigs to build their nests
- ☐ Blackthorn blossom flowering
- ☐ Catkins appearing on willow trees
- ☐ Frogspawn floating on ponds
- ☐ Moth eggs attached to the underside of leaves
- ☐ Lambs playing in the fields
- ☐ Temperatures rising
- ☐ Primroses flowering





What should you plant when? Snap Science Gardening Grid

Crop	When to plant	How to plant	Height	When to harvest
Onions	February to April	In rows 20 cm apart. Thin seedlings to 5 cm apart and then 10 cm apart.	10–60 cm	May to September when the leaves turn yellow and start to topple over.
Garlic	Late autumn or early winter	Break up the bulbs and plant individual cloves just below the soil surface 15 cm apart and in rows 30 cm apart.	20–50 cm	June onwards when the leaves have turned yellow.
Carrot	February to July	Sow 13 mm deep in rows 15 cm apart. Once the seedlings start coming up, thin to 5–7.5 cm apart.	15–35 cm	May to October; 12–16 weeks after sowing.
Potato	March to May	Dig a narrow trench 12.5 cm deep. The seed tubers are spaced 30 cm apart.	30–50 cm	June to October when the flowers open or the buds drop.
Tomato	February to April	Plant in seed trays in a clear plastic bag on the windowsill. Transplant into pots then plant 45–60 cm apart outside when the first flowers are beginning to open.	30–100 cm	July to October. Start picking when the fruit is ripe and fully coloured.
Peas	March to June	Make a flat-bottomed trench 5 cm deep and 15 cm wide. Sow the seeds approximately 7.5 cm apart, cover with soil, then lightly firm.	30–60 cm	June to October; 11–13 weeks after sowing. Pick regularly.
Coriander	April to June	Sow the seeds 4 cm apart in holes. Thin young plants to 20 cm apart.	12–60 cm	June to August. Pick the leaves at any time before the plant flowers.
Mint	April to May	Plant seeds in a pot. Either keep them in the pot or bury the pot in the ground.	30–120 cm	June to October. Pick the leaves at any time.
Chives	March to May	Scatter seeds over a well-prepared bed and cover with a thin layer of soil. Thin seedlings to 10 cm apart.	20–45 cm	June to October.
Basil	April to May	To grow from seed, scatter over a well-prepared bed and cover with a thin layer of soil. Thin seedlings to 30 cm apart.	30–90 cm	July to September; 8–12 weeks after planting. Harvest regularly.

SNAPSHOT ASSESSMENT: ALL GROWN UP!

Year group: 2 | Module: OCW Lesson 4 | Module 6: Growing Up; Lessons: 3, 4, EL1, EL2

Curriculum statement: Y2 Animals

notice that animals, including humans, have offspring which grow into adults

Activity instructions

Use the cards below. Lay the cards out in front of the child and ask them which comes first in a human's life. Then ask them to add the others, in order. Point out the picture of the man and pregnant woman and ask: *What is going to happen?* Ask the children to re-arrange the cards to show this.

Repeat this activity using a set of life cycle cards from OCW lesson 4 depending on which animal you used, for example: frog, butterfly or chicken.

Questions to check understanding

Which picture comes first? What happens to the young over time? How are human babies like adults? How are they different? How are young frogs/ butterflies like the adults? How are they different?

Mastery is achieved if the child:

Can place life cycle of human (or other animal) in chronological order and, when prompted, in a circle, to show that the adults might, in turn, go on to produce young.

