Natural Sciences
Lisa Davis

Class Book Pack

with Digital Class Book & Active Learning Kit





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O. You're a scientist Page 8	 What is the scientific method? What do scientists do? What words and techniques do scientists use? 				
1. Animals Page 12 • Watch.	What are animals? • Watch.	STEAM Challenge Make a symmetrical butterfly	What types of vertebrates are there? • Watch. Culture Jane Goodall		
2. Plants Page 28 Watch.	Why do plants have different parts? Culture Carbon dioxide	STEAM Challenge Who can grow the tallest plant?	What are the different types of plants? • Watch.		
Page 42 Project. Learning situation 1 Protect the pollinators					
3. Our bodies Page 44 () Watch.	How does my digestive system work?	How does my respiratory system work? Culture Philip Drinker	STEAM Challenge Compare sick and healthy lungs		
4. Healthy habits Page 60 Watch.	What is a healthy diet?	What are healthy eating habits?	Science lab How much fat is in my snack? Watch.		
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5. Matter Page 72 Watch.	What's matter? • Watch.	STEAM Challenge Ocean cleaners	What are the properties of matter?		
6. Design and technology Page 88 Watch.	How do digital devices work? Watch.	How can I search for information on the Internet?			
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What types of invertebrates are there?	How do animals adapt?	How do polar bears stay warm? • Watch.	What do animals do? • Watch.	Review & Reflect What have you learned about animals?
How do plants grow and eproduce? Watch.	How do leaves breathe? Watch.	How do plants interact with and adapt to their environment?		Review & Reflect What have you learned about plants?
How do my circulatory and excretory systems work?	How does my nervous and locomotor system work?	Do taller people have longer arm and leg bones? • Watch.	How do our reproductive systems work?	Review & Reflect What have you learned about nutrition, interaction and reproduction?
How can I keep my bones and nuscles healthy?	STEAM Challenge My health journal	What healthy habits help our bodies?	How are you feeling?	Review & Reflect What have you learned about healthy habits?
How can matter change state? Watch. Culture amila Bargach	What changes of matter are there?	Which types of matter melt the fastest? Watch.	What instruments can we use to measure?	Review & Reflect What have you learned about matter?
How can I stay safe when I use the Internet?		What is coding? Watch.		Review & Reflect What have you learned about digital devices?

• Language learning lab in every unit

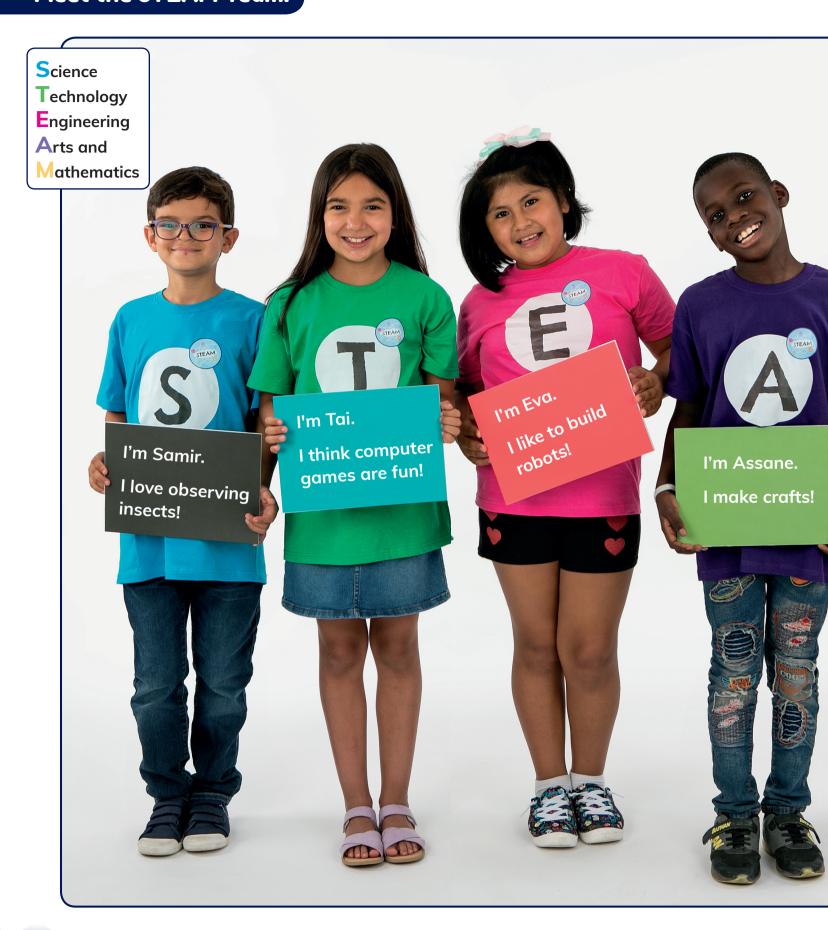
• WebQuest in every unit

watch. unit videos, content videos and experiment videos

Key competences

Personal, social and learning to learn Ω Entrepreneurship Citizenship Cultural awareness and expression

Meet the STEAM Team!







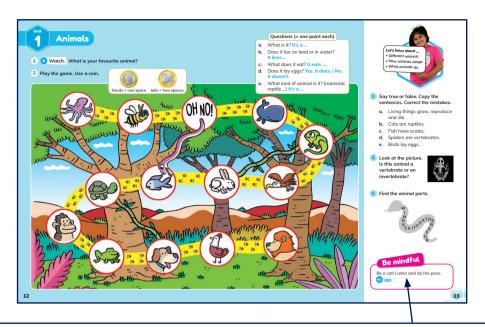
Do STEAM challenges.



Ask important questions.



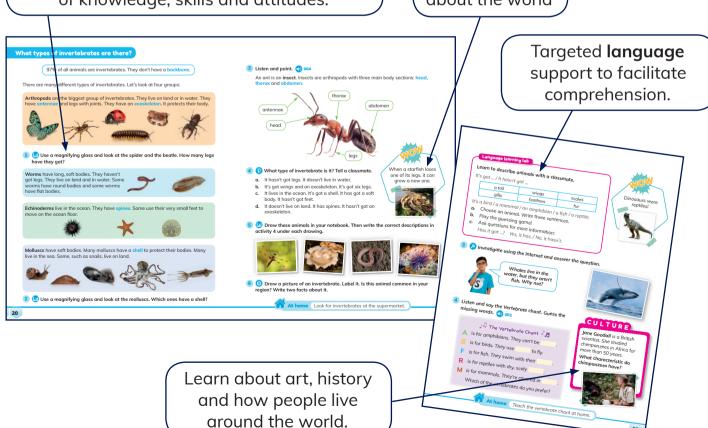
Inspiring today's students for tomorrow's world



Wellbeing activities provide opportunities to refocus and centre students' attention with both mental and physical tasks.

Key competence activities: a combination of knowledge, skills and attitudes.

Fun facts about the world

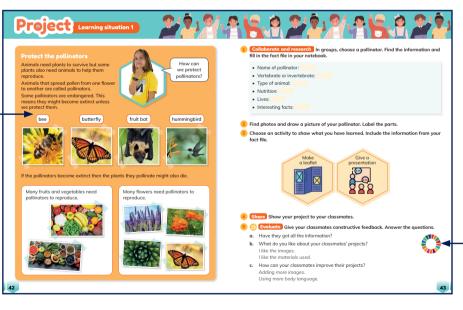








Learning situations to solve real life challenges.



Learn about the 17 sustainable development goals.

Digital resources to advance learning

WebQuest 🔯

Watch.

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Further digital practice through the ...

