








0. You're a scientist Page 6	<ul style="list-style-type: none"> • What is the scientific method? • What do scientists do? • What words and techniques do scientists use? 		
1. Animals Page 10 Watch.	What are animals? Watch.	STEAM Challenge Make a symmetrical butterfly	What types of vertebrates are there? Culture Jane Goodall
2. Plants Page 26 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 40 Project. Learning situation 1 Protect the pollinators			
3. Our bodies Page 42 Watch.	What is my body made of?	How does my digestive system work? How does my respiratory system work? Culture The iron lung	STEAM Challenge Compare sick and healthy lungs
4. Healthy habits Page 58 Watch.	What is a healthy diet? Watch.	STEAM Challenge How much fat is in my snack?	How does being active keep my body healthy?
Page 72 Project. Learning situation 2 Stop food waste			
5. Matter Page 74 Watch.	What's matter? Watch.	STEAM Challenge Ocean cleaners	What are the properties of matter?
6. Design and technology Page 90 Watch.	How do digital devices work? Watch.	How can I search for information on the Internet?	How can I stay safe when I use the Internet?
Page 106 Project. Learning situation 3 Welcome to Scratch			
Page 108	Language activities		

What types of invertebrates are there?	How do animals adapt?	<div>Science lab</div> How do polar bears stay warm? <div>▶ Watch.</div>	What do animals do? <div>▶ Watch.</div>	<div>Review & Reflect</div> What have you learned about animals?
How do plants grow and reproduce? <div>▶ Watch.</div>	<div>Science lab</div> Can we observe photosynthesis? <div>▶ Watch.</div>	How do plants interact with and adapt to their environment?		<div>Review & Reflect</div> What have you learned about plants?
How do my circulatory and excretory systems work? How does my reproductive system work? <div>▶ Watch.</div>	What are my senses? How does my nervous system work? <div>▶ Watch.</div>	How does my locomotor system work?	<div>Science lab</div> Do taller people have longer arm and leg bones? <div>▶ Watch.</div>	<div>Review & Reflect</div> What have you learned about our bodies?
How can I keep my body clean?	Our diverse world How are you feeling?	How can I stay healthy in my free time? <div>▶ Watch.</div>	<div>Science lab</div> How does sun cream protect your skin? <div>▶ Watch.</div>	<div>Review & Reflect</div> What have you learned about healthy habits?
How can matter change state? <div>▶ Watch.</div> <div>Culture</div> Jamila Bargach	What changes of matter are there?	<div>Science lab</div> Which types of matter melt the fastest? <div>▶ Watch.</div>	What happens when we mix substances? What instruments can we use to measure?	<div>Review & Reflect</div> What have you learned about matter?
What's coding? <div>▶ Watch.</div>	<div>STEAM Challenge</div> Sprite the cat	What is project design?	<div>Design lab</div> How can you design an object to help someone?	<div>Review & Reflect</div> What have you learned about design and technology?

- Language learning lab in every unit
- WebQuest in every unit

▶ Watch. unit videos, content videos and experiment videos

Key competences

 Linguistic communication
  Science, Technology, Engineering and Mathematical (STEM)
  Digital
  Personal, social and learning to learn
  Entrepreneurship
  Citizenship
  Cultural awareness and expression