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| 0. You're a scientist! Page 6 | | • How can we discover new information? • How can STEAM subjects change the world? | | |
| 1. The geology of planet Earth Page 10 ▶ Watch. | What are the Earth's spheres and layers? | How are mountains formed? | What are volcanoes and how do they form? | What are the effects of volcanoes and earthquakes? |
| 2. Rocks and minerals Page 30 ▶ Watch. | What are minerals? | What are rocks? | How do we classify minerals and rocks? | How can we use Earth's resources more sustainably? |
| Page 44 Project. Learning situation 1 | | | | |
| 3. History of computing Page 46 ▶ Watch. | When were the first computers invented? | How were modern computers developed? | How did the Internet change the world? | |
| 4. Design and technology Page 66 ▶ Watch. | How are digital devices made? ▶ Watch. | How can you learn computational thinking skills? ▶ Watch. | How can I learn to program? | |
| Page 86 Project. Learning situation 2 | | | | |
| 5. Matter and density Page 88 ▶ Watch. | What are the properties of matter? | What is mass? | What is volume? | What is density? |
| 6. Forces and movement Page 106 ▶ Watch. | What forces affect how things move on land? | How do boats and submarines work? ▶ Watch. | How can we fly? ▶ Watch. | How does transport affect the environment? |
| Page 124 Project. Learning situation 3 | | | | |
| Page 126 | Language activities | | | |

- Language learning lab in every unit
- WebQuest in every unit
- ▶ Watch. unit videos, content videos and experiment videos

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| How do water and wind affect the Earth's relief? | Science lab How important is movement in erosion?  Watch. | Story | Culture Inge Lehmann STEAM Challenge Can you make a model of a volcanic eruption? | Review & Reflect What have you learned about the geology of planet Earth? |
| How does acid rain affect limestone? | Science lab How does acid rain affect limestone?  Watch. | Story | Culture Anna-Mieke Anderson STEAM Challenge Can you make an artificial stalactite? | Review & Reflect What have you learned about rocks and minerals? |
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| | Design lab  Watch. How can I set up my own blog? | Story | Culture Tim Berners-Lee STEAM Challenge Can you make a model of a mother board? | Review & Reflect What have you learned about computers? |
| | Design lab  Watch. How can I write a simple program? | Story | Culture Alan Turing STEAM Challenge Can you create a digital presentation to explain how to program? | Review & Reflect What have you learned about programming? |
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| How does density affect a body's ability to float? | Science lab How does density affect a body's ability to float?  Watch. | Story | Culture Marta Sales-Pardo STEAM Challenge Can you make a density column? | Review & Reflect What have you learned about matter and density? |
| How does friction affect movement? | Science lab How does friction affect movement?  Watch. | Story | Culture Amelia Earhart STEAM Challenge Can you make a marble motion painting? | Review & Reflect What have you learned about transport? |
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Key competences

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