

0 What is STEAM? Page 8 • STEAM in action • Women in STEAM • The road to learning and scientific success				
1. Humans Page 12 Watch.	What organ systems do we use for nutrition? Watch.	How do you interact with the world around you? Watch.	What are the stages in human reproduction?	What changes happen during puberty and adolescence?
2. Energy Page 30 Watch.	What is energy? Watch.	How do we use different forms of energy?	Where do non-renewable sources come from?	What are the negative effects of fossil fuels?
3. Electricity Page 50 Watch.	What are electrically charged objects?	What is electrical energy? Watch.	What do we need to make an electrical circuit? Watch.	What are robots?
Page 68 Project. Learning situation 1 Eco-friendly homes				
4. The Internet Page 70 Watch.	What are digital devices? Watch.	How can we search for and analyse information on the Internet? Watch.	How can we use the Internet safely and follow digital etiquette?	How can you show what you have learned about the Internet?
Page 80 Project. Learning situation 2 Digital presentations				
5. Spain in the Middle Ages Page 82 Watch.	Who were the Visigoths? Watch.	How was al-Andalus formed? Watch.	What was life like in al-Andalus?	How were the Christian kingdoms formed?
6. Early-Modern Spain Page 102 Watch.	Who were the Catholic Monarchs?	What happened during the Age of Discovery? 	Who were the Hapsburgs?	Who were the Bourbons? Watch.
7. Spain Page 122 Watch.	What are the main features of the Spanish constitution?	What is the separation of power? Watch.	How are the autonomous communities in Spain organised? Watch.	What are each of Spain's autonomous communities?
8. Economy Page 142 Watch.	How do we obtain raw materials? Watch.	What type of products does the secondary sector provide?	What types of services does the tertiary sector provide? Watch.	What are the economic sectors in Spain and the world?
Page 162 Project. Learning situation 3 The circular economy				
Page 164	Language activities			

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

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	Science lab Why does the stomach have gastric juices? Watch.	Story A fascinating trip	Culture Christiaan Barnard STEAM Challenge My model lung	Review & Reflect What have you learned about humans?
What are the advantages of renewable energy? Watch.	Science lab How does acid rain affect plants? Watch.	Story Back to the future	Culture Donna Strickland STEAM Challenge Saving energy leaflet	Review & Reflect What have you learned about energy?
	Science lab What is the difference between a series and a parallel circuit? Watch.	Story Frankenstein	Culture Kimberley Bryant STEAM Challenge Use a simple circuit to make a machine	Review & Reflect What have you learned about electricity?
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What caused the Reconquista?	Social lab Can you make a timeline?	Story Another battle	Culture St Isidoro of Sevilla STEAM Challenge My Roman calculator model	Review & Reflect What have you learned about Spain in the Middle Ages?
What artistic styles appeared in the Early Modern Age? Watch.	Social lab Can you put events in chronological order?	Story Cuzco, the Inca city	Culture Inés de Suárez STEAM Challenge My compass	Review & Reflect What have you learned about Early-Modern Spain?
What different languages do people in Spain speak?	Social lab Can you find out about different festivals in Spain?	Story Spain is diverse	Culture Clara Campoamor STEAM Challenge My flagpole	Review & Reflect What have you learned about Spain?
Why do companies use adverts?	Social lab Can you do a class survey?	Story Let's have coffee	Culture Amartya Sen STEAM Challenge My advertisement	Review & Reflect What have you learned about the economy?
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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