

<b>0</b> <b>What is STEAM?</b> Page 6				
<ul style="list-style-type: none"> <li>• STEAM in action</li> <li>• Women in STEAM</li> <li>• The road to learning and scientific success</li> </ul>				
<b>1.</b> <b>Human nutrition</b> Page 10  Watch.	What organs does the digestive system have?  Watch.	What organs does the circulatory system have?  Watch.	What organs does the respiratory system have?	What organs does the excretory system have?
<b>2.</b> <b>Human interaction and reproduction</b> Page 30  Watch.	How does the nervous system work?  Watch.	How does the locomotor system work?  Watch.	What organs do our reproductive systems have?	What are the stages of growing up?
<b>3.</b> <b>Energy</b> Page 50  Watch.	What is energy and how do we use it?  Watch.	Where do non-renewable sources come from and what are their negative effects?	What are the advantages of renewable energy?  Watch.	What is electrical energy?
Page 70 <b>Project. Learning situation 1 Eco-friendly homes</b>				
<b>4.</b> <b>Spain in the Middle Ages</b> Page 72  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? 
<b>5.</b> <b>Early Modern Spain</b> Page 92  Watch.	Who were the Catholic Monarchs?  Watch.	What happened during the Age of Discovery?	Who were the Hapsburgs?	Who were the Bourbons? 
<b>6.</b> <b>Design and technology</b> Page 112  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?	
Page 128 <b>Project. Learning situation 2 Digital presentations</b>				
<b>7.</b> <b>Population</b> Page 130  Watch.	What are changes in population?	How can we represent population groups?	What population groups are there in Spain and Europe?	What is migration?
<b>8.</b> <b>Spain and Europe</b> Page 148  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? 
<b>9.</b> <b>The economy</b> Page 168  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 188 <b>Project. Learning situation 3 The circular economy</b>				
Page 190	Language activities			

How can we eat a healthy diet?	<b>Science lab</b> Why does the stomach have gastric juices? <a href="#">▶ Watch.</a>	<b>Story</b> A fascinating trip	<b>Culture</b> Christiaan Barnard <b>STEAM Challenge</b> My model lung	<b>Review &amp; Reflect</b> What have you learned about human nutrition?
What are healthy habits for our bodies?	<b>Science lab</b> How fast are your nervous and locomotor systems? <a href="#">▶ Watch.</a>	<b>Story</b> Another fascinating trip	<b>Culture</b> Santiago Ramón y Cajal <b>STEAM Challenge</b> Build a first aid kit	<b>Review &amp; Reflect</b> What have you learned about human interaction and reproduction?
What do we need to make an electrical circuit? <a href="#">▶ Watch.</a>	What are robots? <b>Science lab</b> How does acid rain affect plants? <a href="#">▶ Watch.</a>	<b>Story</b> Back to the future	<b>Culture</b> Kimberley Bryant <b>STEAM Challenge</b> Use a simple circuit to make a machine	<b>Review &amp; Reflect</b> What have you learned about energy?
What caused the Reconquista?	<b>Social lab</b> Can you make a timeline?	<b>Story</b> Another battle	<b>Culture</b> St Isidoro of Sevilla <b>STEAM Challenge</b> My Roman calculator model	<b>Review &amp; Reflect</b> What have you learned about Spain in the Middle Ages?
What artistic styles appeared in the Early Modern Age? <a href="#">▶ Watch.</a>	<b>Social lab</b> Can you put events in chronological order?	<b>Story</b> Cuzco, the Inca city	<b>Culture</b> Inés de Suárez <b>STEAM Challenge</b> My compass	<b>Review &amp; Reflect</b> What have you learned about Early Modern Spain?
<b>Techno lab</b> How can you show what you have learned about the Internet?		<b>Story</b> Be careful!	<b>Culture</b> Dorothy Vaughan <b>STEAM Challenge</b> My storyboard comic	<b>Review &amp; Reflect</b> What have you learned about design and technology?
How diverse is our society?	<b>Social lab</b> Pie charts and line graphs	<b>Story</b> Spain is diverse	<b>STEAM Challenge</b> A report about your favourite city, town or village	<b>Review &amp; Reflect</b> What do you know about population?
European Union: Institutions and symbols	<b>Social lab</b> Can you find out about different festivals in Spain?	<b>Story</b> Spain is a wonderful country	<b>Culture</b> Clara Campoamor <b>STEAM Challenge</b> My flagpole	<b>Review &amp; Reflect</b> What have you learned about Spain and Europe?
Why do companies use adverts?	<b>Social lab</b> Can you do a class survey?	<b>Story</b> Let's have coffee	<b>Culture</b> Amartya Sen <b>STEAM Challenge</b> My advertisement	<b>Review &amp; Reflect</b> What have you learned about the economy?

**Key competences**