

# Changes and Reproduction

Science

Year 5

Lesson 4 of 6

Learning Objective		Resources
To understand the initial changes inside and outside of the body during puberty.		Slides Worksheets 4A/4B/4C Puberty: Initial Changes Comic Strip (FSD? activity only)
Teaching Input		
<ul style="list-style-type: none"> <li>Babies have a growth spurt in the first year or so of their lives, doubling in size and doubling again! After that, the rate at which they continue to grow slows down considerably. The next big growth spurt comes between the ages of around 10 and 13 for most children; this big change is called puberty.</li> <li>What do you already know about this stage in the life cycle of humans? Children to discuss then share their ideas.</li> <li>What do you remember about the function of hormones in the body? Children to discuss their ideas. Show the slides reminding children about the function of hormones and how they affect growth during puberty.</li> <li>What's the point of puberty? Children to discuss their ideas. The slides following this explain why puberty occurs and the initial physical changes that occur to boys and girls during the first 2-3 years (approximately) of puberty.</li> <li>Explain that today we will be labelling the parts of the body that start to change in boys and girls and describing what those changes are.</li> </ul>		
Main Activity		
<u>Lower ability:</u>	<u>Middle ability:</u>	<u>Higher ability:</u>
Give out copies of the Puberty: Initial Changes fact sheet. On Worksheet 4A, children are to match labels with the parts of the bodies of boys and girls that change at the start of puberty.	Give out copies of the Puberty: Initial Changes fact sheet. On Worksheet 4B, children are to label the changes that occur in the bodies of boys and girls at the start of puberty.	Give out copies of the Puberty: Initial Changes fact sheet. On Worksheet 4C, children are to label the changes that occur in the bodies of boys and girls at the start of puberty as well as write short descriptions describing those changes.
Fancy something different...?		
<ul style="list-style-type: none"> <li>Give out copies of the Puberty: Initial Changes fact sheet and the Comic Strip worksheet.</li> <li>Children are to produce a comic strip which tells the story of the initial changes inside and outside of the body that occur at the start of puberty. Explain that it should include the production and journey of hormones in the body as well as the changes that occur physically. Children could choose whether to do this for a boy or a girl.</li> </ul>		
Plenary	Assessment Questions	
Show the slides explaining how the brain changes significantly during puberty in preparation for adulthood.	<ul style="list-style-type: none"> <li>Can children explain the initial changes that occur inside and outside the body at the start of puberty?</li> <li>Can children correctly identify the parts of the body that change during puberty?</li> <li>Can children explain in simple terms the role played by hormones in the growth of humans and other animals?</li> </ul>	