

# Introduction to the Junior Cycle Science Specification



## Junior Cycle Science aims to



It encourages all students to:

Develop a sense of enjoyment in learning

Improve their reasoning and decision making abilities

Develop the 8 key skills of Junior Cycle

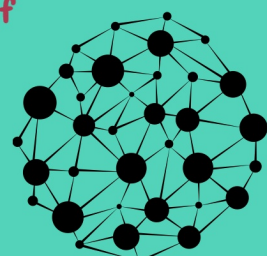
Develop a scientific habit of mind



Develop a lifelong interest in Science

Develop scientific literacy and apply it

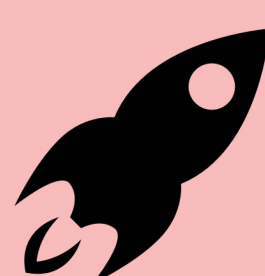
Acquire a body of scientific knowledge



## Science and the Junior Cycle Framework

Statements of learning

THE JUNIOR CYCLE SCIENCE SPECIFICATION HAS DIRECT LINKS WITH 8 OF THE 24 STATEMENTS OF LEARNING IN THE FRAMEWORK FOR JUNIOR CYCLE, NAMELY STATEMENTS 9, 10, 13, 15, 16, 17, 18 AND 19

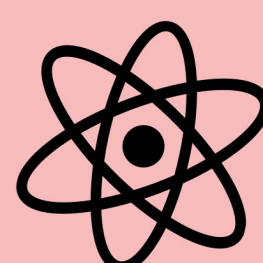


STAYING WELL, MANAGING MYSELF, BEING CREATIVE, MANAGING INFORMATION AND THINKING, WORKING WITH OTHERS, COMMUNICATING, BEING LITERATE, BEING NUMERATE

Key Skills

Learning outcomes

THERE ARE 46 LEARNING OUTCOMES IN THE JUNIOR CYCLE SCIENCE SPECIFICATION, SPREAD ACROSS 5 STRANDS. THESE DESCRIBE THE UNDERSTANDING, SKILLS AND VALUES STUDENTS SHOULD BE ABLE TO DEMONSTRATE AT THE END OF JUNIOR CYCLE SCIENCE



## Structure of the Science Specification

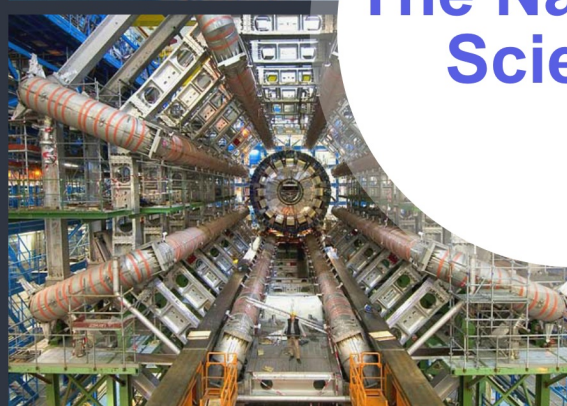
Strands

Chemical World

Earth and Space



The Nature of Science



Physical World

Biological World

Elements

Contextual strands

Building blocks  
Systems and interactions  
Energy  
Sustainability

Understanding about Science  
Investigating in Science  
Communicating in Science  
Science in Society

Nature of Science

Where can I find out more?



Log onto [www.jct.ie](http://www.jct.ie) for up to date information on CPD opportunities and resources



Take some time to read and familiarise yourself with the Science Specification. This can be downloaded from [www.curriculumonline.ie](http://www.curriculumonline.ie)

Talk to one of our JCT Science advisors. Contact details are available on [www.jct.ie](http://www.jct.ie)

