

BIG IDEA: BIOLOGICAL SYSTEMS FOR LIFE  
 BIG IDEA: ORGANISMS & THEIR INTERACTION WITH THE ENVIRONMENT  
 BIG IDEA: CELLS AND CELLULAR PROCESSES

Year 11 Animal Coordination, Control and Homeostasis  
 Year 11 Plant Structures & Their Functions  
 Year 11 Health, Disease and the Development of Medicines  
 Year 11 Exchange and Transport in Animals  
 Year 10 Natural Selection and Genetic Modification  
 Year 11 Key Concepts in Biology  
 Year 10 Cells and Control

Year 9 Animal Coordination, Control and Homeostasis  
 Year 9 Plant Structures & Their Functions  
 Year 10 Ecosystems and Material Cycles  
 Year 9 Exchange and Transport in Animals  
 Year 10 Genetics  
 Year 9 Key Concepts in Biology

Year 8 Food & Nutrition  
 Year 7 Muscles & Bones  
 Year 8 Breathing & Respiration  
 Year 8 Plants & Their Reproduction  
 Year 8 Unicellular organisms

Year 7 Sexual Reproduction in Animals  
 Year 7 Ecosystems  
 Year 7 Cells, tissues, organs and systems



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**BIG IDEA: MATERIALS AND THEIR PROPERTIES**

**BIG IDEA: CHEMICAL CHANGES**

**BIG IDEA: OUR EARTH AND IT'S ATMOSPHERE**

Year 11 Transition Metals, Alloys & Corrosion    Year 11 Bulk & Surface Properties    Year 11 Qualitative Analysis    Year 11 Alcohols & Carboxylic Acids    Year 11 Polymers    Year 11 Hydrocarbons

Year 11 Chemical Cells & Fuel Cells    Year 11 Equilibria & Calculations involving gases    Year 11 Quantitative Analysis    Year 11 Electrolytic Processes

Year 10 Obtaining and Using Metals

Year 10 Covalent Bonding & Types of Substance    Year 10 Groups in the Periodic Table    Year 9 Ionic Bonding    Year 9 Calculations Involving Masses    Year 9 Periodic Table

Year 11 Reversible Reactions    Year 11 Heat Energy Changes    Year 11 Rates of Reaction    Year 10 Calculations involving masses

Year 10 Calculations involving masses    Year 9 Earth and Atmospheric Science

Year 9 Atomic Structure    Year 9 States of Matter & Separation Techniques    Year 8 The Periodic Table & Metals and Their Uses

Year 10 Acids & Bases    Year 9 Fuels    Year 8 Metals & Their Uses    Year 8 Combustion

Year 8 Rocks    Year 8 Combustion

Year 7 Particle Model    Our Material World    Mixtures & Separation

Year 7 Acids & Alkalis/ Our Material World

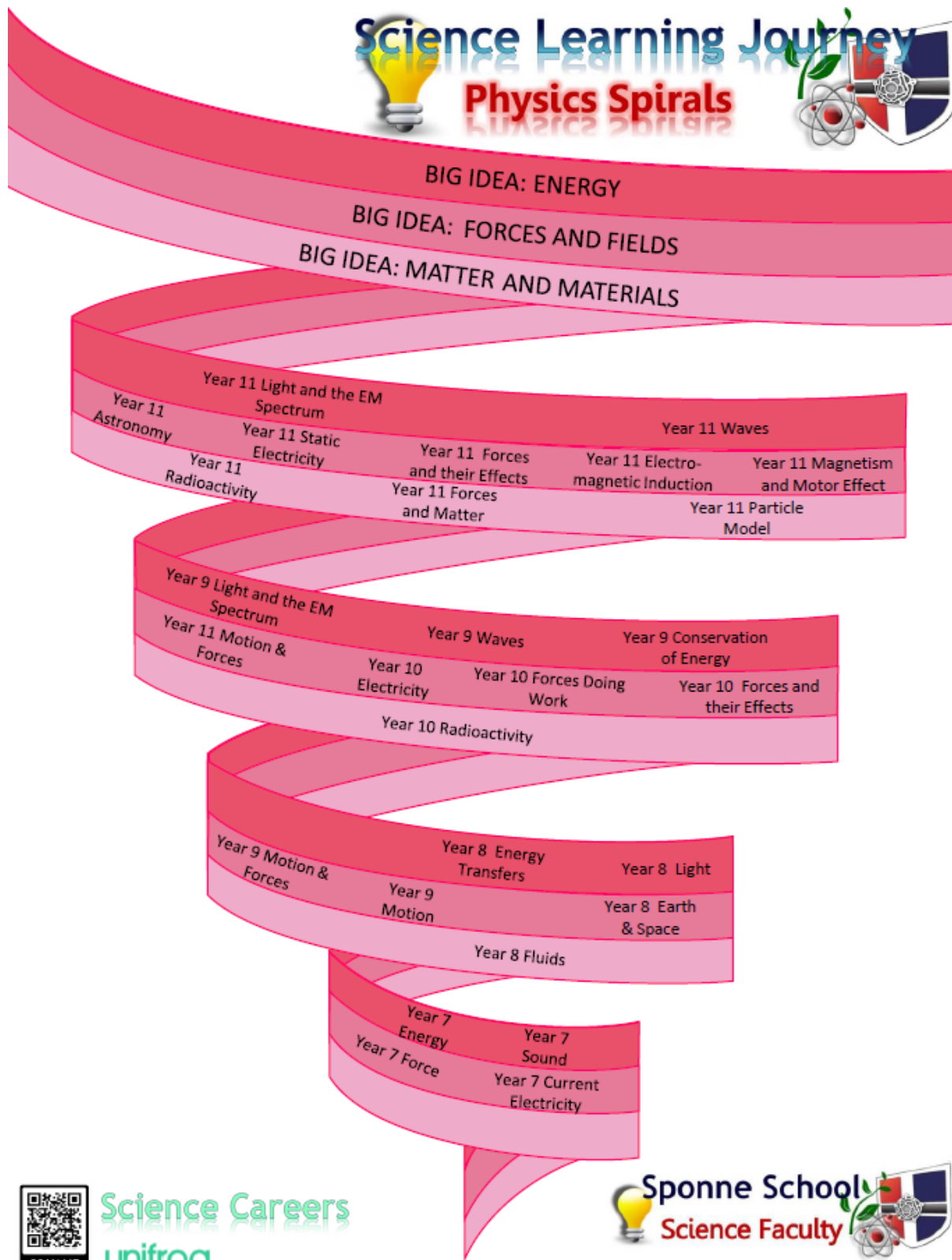
Year 7 Our Material World



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# Science Learning Journey

## Physics Spirals



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