

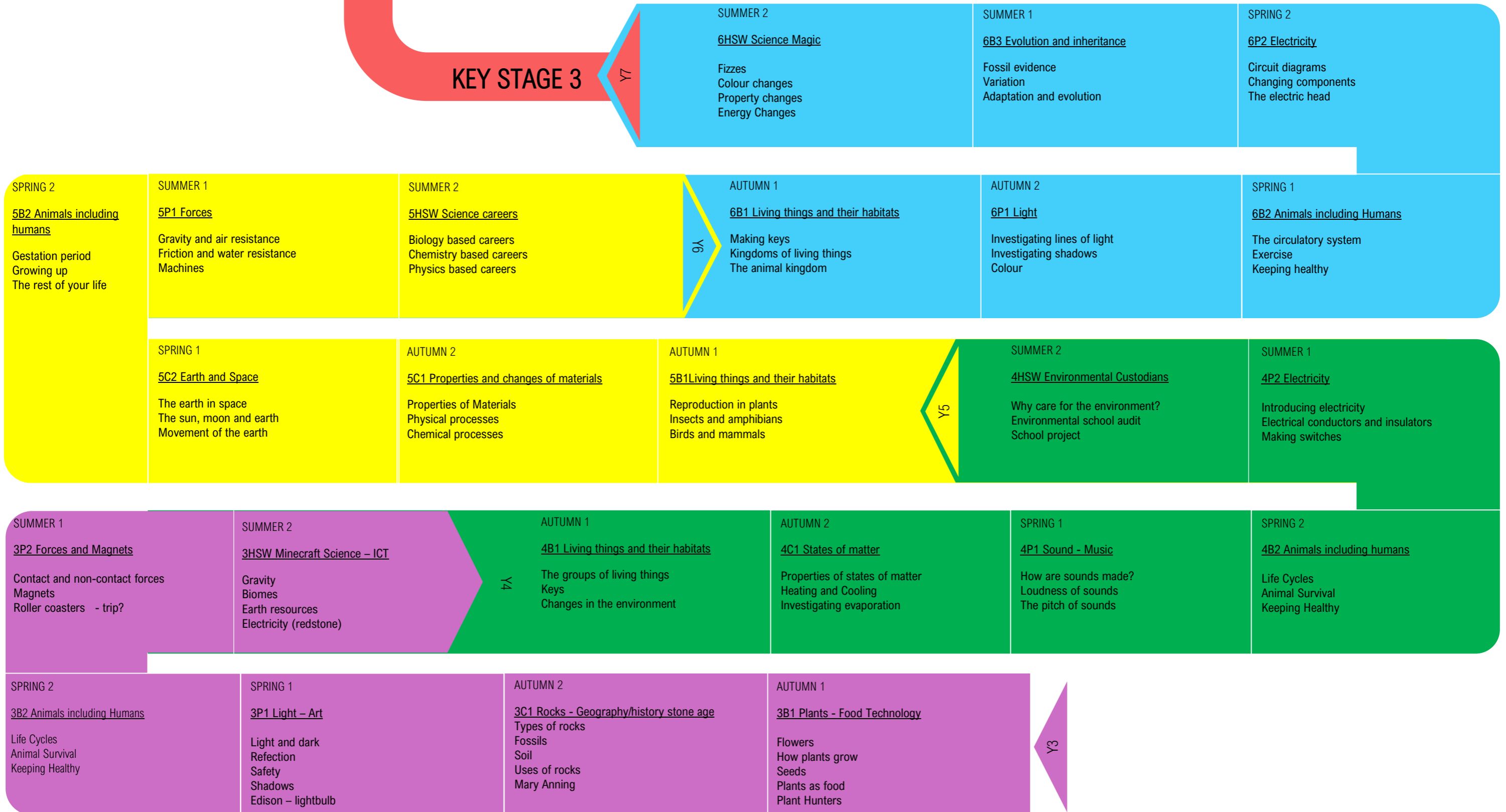
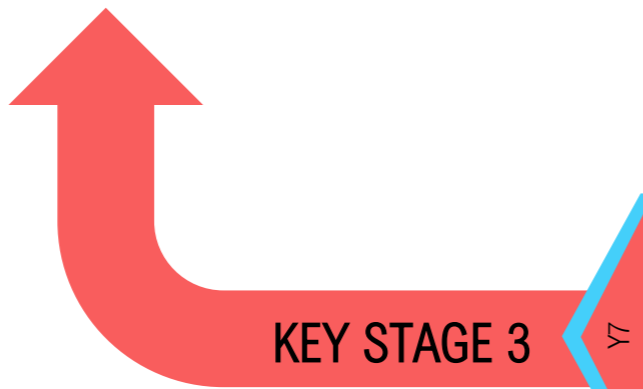
<p>SPRING 2</p> <p>C4 Chemical Changes</p> <p>P2 Circuits</p>	<p>SUMMER 1</p> <p>C5 Energy Changes</p> <p>B3 Infection and Response</p>	<p>SUMMER 2</p> <p>C6 The Rate and Extent of Chemical change</p> <p>P3 the particle Model of Matter</p>	<p>AUTUMN 1</p> <p>C7 Organic Chemistry</p> <p>B4 Bioenergetics</p> <p>P4 Atomic Structure</p>	<p>AUTUMN 2</p> <p>C8 Chemical Analysis</p> <p>B5 Homeostasis and Response</p> <p>P5 Forces</p>	<p>SPRING 1</p> <p>C9 Chemistry of the Atmosphere</p> <p>B6 Inheritance, Variation and Evolution</p> <p>P6 Waves</p>
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<p>SPRING 1</p> <p>C3 Quantitative Chemistry</p> <p>B2 Organisation</p>	<p>AUTUMN 2</p> <p>C2 Structure and Bonding</p> <p>P1 Energy</p>	<p>AUTUMN 1</p> <p>AQA GCSE Combined Science Trilogy</p> <p>C1 Atomic Structure</p> <p>B1 Cell Biology</p>	<p>SUMMER 2 –</p> <p><u>9B2 Genes and Ecosystems</u></p> <p>B2E1-Up the garden Path</p> <p>B2E2-Death and Decay</p> <p>B2E3-Safe Earth</p> <p>B2E4-Sex and Survival</p> <p>B2E5-Pets and Plants</p>	<p>SUMMER 1 –</p> <p><u>9P2 Waves and Electromagnets</u></p> <p>P2E1-Stage show</p> <p>P2E2-Power at home</p> <p>P2E3-Magnets</p> <p>P2E4-Waves and Wobbles</p> <p>P2E5-Death rays and diagnosis</p>
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<p>SUMMER 1 –</p> <p><u>8P2 Waves</u></p> <p>Waves</p> <p>Sound</p> <p>Light</p> <p>colours and cameras</p>	<p>SUMMER 2</p> <p><u>8B2 Genes</u></p> <p>DNA</p> <p>Inheritance</p> <p>Variation</p> <p>Natural selection</p> <p>Evolution</p>	<p>AUTUMN 1 –</p> <p><u>9C1 Matter and Earth</u></p> <p>C1E1-Substances</p> <p>C1E2-Melting and evaporating</p> <p>C1E3-Magicians and makers</p> <p>C1E4-Sorted!</p> <p>C1E5-Metal Treasures</p> <p>C1E6-Plastics</p>	<p>AUTUMN 2 –</p> <p><u>9P1 Energy and Forces</u></p> <p>P1E1-Full of Energy</p> <p>P1E2-Saving Money</p> <p>P1E3-Bright Sparks</p> <p>P1E4-The Force</p> <p>P1E5-Road Safety</p>	<p>SPRING 1 –</p> <p><u>9B1 Organisms</u></p> <p>B1E1 - Inside the body</p> <p>B1E2-Britain's Big Problem</p> <p>B1E3-Going Faster</p> <p>B1E4-Diseases</p> <p>B1E5-Controlling the body</p>	<p>SPRING 2 –</p> <p><u>9C2 Chemical Reactions and earth</u></p> <p>C2E1-Acids and alkalis</p> <p>C2E2-Chemistry and Energy</p> <p>C2E3-Speeding up</p> <p>C2E4-Fuel and Fires</p> <p>C2E5-Air and Water</p>
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<p>SPRING 2 –</p> <p><u>8C2 Earth 2</u></p> <p>The Carbon cycle</p> <p>The atmosphere</p> <p>Changing Environment</p> <p>Gravity</p> <p>Space</p>	<p>SPRING 1 –</p> <p><u>8B1 Organ Systems</u></p> <p>Cells, tissues and organs</p> <p>Skeleton</p> <p>Nutrition</p> <p>Digestive system</p> <p>Gas exchange system</p> <p>Reproductive system</p> <p>Pregnancy and birth</p>	<p>AUTUMN 2 –</p> <p><u>8P1 Forces</u></p> <p>Representing forces</p> <p>Unbalance forces</p> <p>Speed</p> <p>Motion graphs</p> <p>Hooke's law</p> <p>Moments and turning effect</p> <p>Pressure</p>	<p>AUTUMN 1 –</p> <p><u>8C1 Chemical Reactions</u></p> <p>Review of yr7</p> <p>Chemical reactions</p> <p>Acids and alkalis</p> <p>Acid reactions</p> <p>Endo and exothermic</p> <p>Rates of reactions</p>	<p>SUMMER 2 –</p> <p><u>7B2 Ecosystems</u></p> <p>Structure of plants</p> <p>Plant reproduction</p> <p>Photosynthesis (2 weeks)</p> <p>Food webs</p> <p>Biodiversity</p>	<p>SUMMER 1 –</p> <p><u>7P2 Electromagnets</u></p> <p>Building circuits</p> <p>Measuring electricity</p> <p>Magnets</p> <p>Static electricity</p>
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<p>AUTUMN 1 –</p> <p><u>7C1 Matter</u></p> <p>Lab Techniques and safety</p> <p>Solids, Liquids and Gases</p> <p>State Changes</p> <p>Separating mixtures</p> <p>Periodic table</p> <p>Elements and Compounds</p>	<p>AUTUMN 2</p> <p><u>7P1 Energy</u></p> <p>Energy stores</p> <p>Energy and machines</p> <p>Thermal energy</p> <p>Generating Electricity (2 weeks)</p> <p>Energy bills</p> <p>Energy investigations</p>	<p>SPRING 1 –</p> <p><u>7B1 Organisms</u></p> <p>Cell structure</p> <p>Cells for a purpose</p> <p>Diffusion</p> <p>Respiration</p> <p>Infectious diseases</p> <p>Drugs</p> <p>Lifestyle diseases</p>	<p>SPRING 2 –</p> <p><u>7C2 Earth 1</u></p> <p>Structure of Earth</p> <p>The Rock Cycle (2 weeks)</p> <p>Extracting Metals</p> <p>Using materials</p>
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SUMMER 2
6HSW Science Magic
 Fizzes
 Colour changes
 Property changes
 Energy Changes

SUMMER 1
6B3 Evolution and inheritance
 Fossil evidence
 Variation
 Adaptation and evolution

SPRING 2
6P2 Electricity
 Circuit diagrams
 Changing components
 The electric head

SPRING 2
5B2 Animals including humans
 Gestation period
 Growing up
 The rest of your life

SUMMER 1
5P1 Forces
 Gravity and air resistance
 Friction and water resistance
 Machines

SUMMER 2
5HSW Science careers
 Biology based careers
 Chemistry based careers
 Physics based careers

AUTUMN 1
6B1 Living things and their habitats
 Making keys
 Kingdoms of living things
 The animal kingdom

AUTUMN 2
6P1 Light
 Investigating lines of light
 Investigating shadows
 Colour

SPRING 1
6B2 Animals including Humans
 The circulatory system
 Exercise
 Keeping healthy

SPRING 1
5C2 Earth and Space
 The earth in space
 The sun, moon and earth
 Movement of the earth

AUTUMN 2
5C1 Properties and changes of materials
 Properties of Materials
 Physical processes
 Chemical processes

AUTUMN 1
5B1 Living things and their habitats
 Reproduction in plants
 Insects and amphibians
 Birds and mammals

SUMMER 2
4HSW Environmental Custodians
 Why care for the environment?
 Environmental school audit
 School project

SUMMER 1
4P2 Electricity
 Introducing electricity
 Electrical conductors and insulators
 Making switches

SUMMER 1
3P2 Forces and Magnets
 Contact and non-contact forces
 Magnets
 Roller coasters - trip?

SUMMER 2
3HSW Minecraft Science - ICT
 Gravity
 Biomes
 Earth resources
 Electricity (redstone)

AUTUMN 1
4B1 Living things and their habitats
 The groups of living things
 Keys
 Changes in the environment

AUTUMN 2
4C1 States of matter
 Properties of states of matter
 Heating and Cooling
 Investigating evaporation

SPRING 1
4P1 Sound - Music
 How are sounds made?
 Loudness of sounds
 The pitch of sounds

SPRING 2
4B2 Animals including humans
 Life Cycles
 Animal Survival
 Keeping Healthy

SPRING 2
3B2 Animals including Humans
 Life Cycles
 Animal Survival
 Keeping Healthy

SPRING 1
3P1 Light - Art
 Light and dark
 Refection
 Safety
 Shadows
 Edison - lightbulb

AUTUMN 2
3C1 Rocks - Geography/history stone age
 Types of rocks
 Fossils
 Soil
 Uses of rocks
 Mary Anning

AUTUMN 1
3B1 Plants - Food Technology
 Flowers
 How plants grow
 Seeds
 Plants as food
 Plant Hunters