

Y1 25/26	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Journey 1   Confident Community Engagement</b>						
KS2/3	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Ourselves  I am Special  <b>'Superhero Animals'</b> (Hamilton Brookes SoW, RE - Reception) 'MYSELF' Equals Semi-Formal SoW  'Animals Including Humans: Ourselves' (KS1 unit) Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b>  Ourselves  Understanding Emotions  <u>Animals Including Humans: Ourselves' (KS1 unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b>  Creatures Great &amp; Small Green Fingers  <b>'Exploring the Seasons'</b> (Kapow SoW)  MUSIC &amp; SOUND 'SOUNDS IN NATURE'  'The World About me: The Seasons' 'Winter'</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: AREA: <b>NATURAL WORLD</b>  Creatures Great &amp; Small  Down on the Farm  <b>'Animals: Baby animals'</b>  (Hamilton Brookes SoW, Topics: Science - Reception) Equals Formal SoW  <u>Animals Including Humans Health &amp; Growth (KS1 Unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b>  Toys Traditional Tales  Link to: Materials: Equals SoW  <u>Everyday Materials: Sorting &amp; Using Materials (KS1 Unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Toys Splish &amp; Splash' <b>'Exploring the Weather'</b> (Kapow SoW, Equals Semi-Formal SoW) 'The World About me: The Weather 'The Seasons - Summer' Seasonal Changes: Light &amp; Dark (KS1 Unit) Equals SoW <u>Plants: Growing Plants (KS1 Unit)</u> Equals SoW <b>Whole school competition: Largest tomato</b></p>
KS4/5	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Ourselves  I am Special  <b>'Superhero Animals'</b> (Hamilton Brookes SoW, RE - Reception) <u>Animals Including Humans: Ourselves' (KS1 unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b>  Ourselves  Understanding Emotions <u>Animals Including Humans: Ourselves' (KS1 unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Creatures Great &amp; Small  <b>'Exploring the Seasons'</b> (Kapow SoW)  <b>'The World About me: The Seasons'</b> (Equals Semi-Formal SoW)</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: AREA: <b>NATURAL WORLD</b> Creatures Great &amp; Small  <u>Animals Including Humans Health &amp; Growth (KS1 Unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b> Traditional Tales  <u>Everyday Materials: Sorting &amp; Using Materials (KS1 Unit)</u> Equals SoW</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Traditional Tales Seasonal Changes: Light &amp; Dark (KS1 Unit) Equals SoW <u>Plants: Growing Plants (KS1 Unit)</u> Equals SoW <b>Whole school competition: Largest tomato</b></p>



Science Long  
Long Term Plan

Joanna  
25-28

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Y1 25/26	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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Journey 2   Community Engagement and Employment Opportunities						
KS2/3	<u>Everyday Materials</u> : Sorting & Using Materials (KS1 Unit 1) <u>Everyday Materials</u> : Characteristics of Materials (KS2 Unit) Equals SoW	<u>Forces</u> : Pushes & Pulls (KS2 unit 1) <u>Forces</u> : Forces & Movement (KS2 Unit)	<u>Properties &amp; Changes of Materials</u> : Grouping & Classifying; Materials & Their Properties (KS2 Unit: Part 1)	<u>Electricity</u> : Using Electricity (KS2 Unit) <u>Forces &amp; Magnets</u> : Electricity & Magnetism (KS2 Unit)	<u>Animals Including Humans</u> : Plants & Animals in the local Environment (KS2 Unit 1);	<u>Plants</u> : Growing Plants (KS1 Unit) <b>Whole school competition: Largest tomato</b>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					

Y1 25/26	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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Journey 3   Community Engagement and Employment Opportunities						
KS2/3	<u>Everyday Materials:</u> Characteristics of Materials (KS2 Unit 1)	<u>Forces:</u> Pushes & Pulls (KS2 unit 1) <u>Forces:</u> Forces & Movement (KS2 Unit)	<u>Properties &amp; Changes of Materials:</u> Grouping & Classifying; Materials & Their Properties (KS2 Unit: Part 1)	<u>Electricity:</u> Using Electricity (KS2 Unit) <u>Forces &amp; Magnets:</u> Electricity & Magnetism (KS2 Unit) <u>Physics:</u> Electricity -(KS3 Unit) linking to: Climate Change, Energy / Renewable Energy & Sustainability	<u>Animals Including Humans:</u> Plants & Animals in the local Environment (KS2 Unit 1); link to Seasonal changes Linking to local environment, comparing to animals in other habitats	<u>Plants:</u> Green Plants (KS1 Unit) & Helping Plants Grow Well (KS1 unit) <u>Plants:</u> Green Plants (KS2 Unit for more able <b>Whole school competition: Largest tomato</b>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					

Y2 26/27	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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**Journey 1 | Confident Community Engagement**

KS2/3	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b></p> <p>Houses &amp; Homes</p> <p>Families &amp; Friends</p> <p><b>'My Superhero Family'</b> (Hamilton Brookes SoW, RE - Reception)</p> <p><u>Animals Including Humans: Ourselves' (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b></p> <p>Houses &amp; Homes</p> <p>Families &amp; Friends Food Glorious Food</p> <p><u>Everyday Materials: Sorting &amp; Using Materials (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b></p> <p>Spring &amp; Growth</p> <p><b>'New Beginnings'</b></p> <p>Celebrate babies Celebrate Holi Celebrate Easter</p> <p><u>Plants: Growing Plants (KS1 Unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b></p> <p>Spring &amp; Growth Woodland</p> <p><b>'Animals: Animals Habitats'</b></p> <p>(Hamilton Brookes SoW, Topics: Science - Reception)</p> <p><u>Animals including Humans: Health &amp; growth (KS1 Unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b></p> <p>On the move</p> <p>Transport</p> <p><u>FORCES PUSH &amp; PULL EQUALS SoW (KS2)</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b></p> <p>On the move Our World</p> <p><b>'Transport, on the move: through Nature'</b> (Hamilton Brookes SoW, Geography - Reception)</p> <p><u>Plants: Growing Plants (KS1 Unit) Equals SoW</u></p> <p><b>Whole school competition: the longest bean</b></p>
KS4/5	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b></p> <p><b>'Celebrations: Special Birthdays'</b></p> <p>(Hamilton Brookes SoW, RE - Reception)</p> <p><u>Animals Including Humans: Ourselves' (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b></p> <p>Houses &amp; Homes</p> <p>Families &amp; Friends Food Glorious Food</p> <p><u>Everyday Materials: Teeth &amp; eating (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b></p> <p>Spring &amp; Growth</p> <p><b>'Celebrations: Carnivals &amp; Parades'</b></p> <p>Hamilton Brookes SoW, RE - Reception)</p> <p><u>Plants: Growing Plants (KS1 Unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b></p> <p>Spring &amp; Growth Woodland</p> <p><b>'Animals: Night Animals and Day Animals'</b> (Hamilton Brookes SoW, Topics: Science - Reception)</p> <p><u>Animals including Humans: Health &amp; growth (KS1 Unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b></p> <p>On the move</p> <p>Transport</p> <p><u>FORCES PUSH &amp; PULL EQUALS SoW (KS2)</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b></p> <p>On the move Our World</p> <p><b>'Transport, on the move: through Nature'</b> (Hamilton Brookes SoW, Geography - Reception)</p> <p><u>Plants: Growing Plants (KS1 Unit) Equals SoW</u></p> <p><b>Whole school competition: the longest bean</b></p>

Y2 26/27	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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**Journey 2 | Community Engagement and Employment Opportunities**

KS2/3	<u>Everyday Materials:</u> Grouping & Changing of Materials (KS2 Unit 2)	<u>Forces &amp; Magnets:</u> Forces & Motion (KS2 unit)# <u>Forces &amp; Magnets:</u> Electricity & Magnetism (KS2 Unit)	<u>Properties &amp; Changes of Materials:</u> Grouping & Classifying; Materials & Their Properties (KS2 Unit: Part 2)	<u>Light &amp; Sound (KS2 Unit)</u> <u>Earth &amp; Space:</u> The Earth & Beyond (KS2 unit)	<u>Animals Including Humans:</u> Living things & their Environments (KS2 Unit 2) <u>Rocks &amp; Soils (KS2 Unit)</u>	<u>Plants:</u> Helping Plants Grow well (KS1 Unit) <b>Whole school competition: the longest bean</b>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					

Y2 26/27	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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**Journey 3 | Community Engagement and Employment Opportunities**

KS2/3	<p><u>Everyday Materials:</u> Grouping &amp; Changing of Materials (KS2 Unit 2)</p> <p><u>Chemistry:</u> Grouping &amp; Classifying Materials &amp; Their Properties (KS3 Unit)</p>	<p><u>Forces &amp; Magnets:</u> Forces &amp; Motion (KS2 unit)#</p> <p><u>Forces &amp; Magnets:</u> (focusing on magnets) Electricity &amp; Magnetism (KS2 Unit) (</p>	<p><u>Properties &amp; Changes of Materials:</u> Grouping &amp; Classifying; Materials &amp; Their Properties (KS2 Unit: Part 2)</p>	<p><u>Light &amp; Sound</u> (KS2 Unit)</p> <p><u>Earth &amp; Space:</u> The Earth &amp; Beyond (KS2 unit)</p> <p><u>Physics:</u> The Earth &amp; Beyond (KS3 Unit)</p>	<p><u>Animals Including Humans:</u> Living things &amp; their Environments (KS2 Unit 2)</p> <p><u>Biology: Living Things in their Environment</u> (KS3 Unit)</p> <p><u>Rocks &amp; Soils</u> (KS2 Unit)</p>	<p><u>Revisit: Plants:</u> Green Plants (KS2 Unit) link to water conservation focusing on the Basic Needs of a plant</p> <p><b>Whole school competition: the longest bean</b></p>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					

Y3 26/27	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
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**Journey 1 | Confident Community Engagement**

KS2/3	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Our School <b>'Celebrations: Festival of Lights' Diwali: Firework &amp; Light Dance</b> (Hamilton Brookes SoW, RE - Reception) <u>Seasonal Changes: Light &amp; Dark (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b> Our School Settling In My amazing body  <u>Animals Including Humans: Health &amp; Growth (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Journeys  <b>'Transport, on the move: Over Land, over water, through the Air'</b>  (Hamilton Brookes SoW, Geography - Reception)</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Journeys</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b> Communities &amp; Cultures</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Communities &amp; Cultures Olympics Seasonal Changes: Light &amp; Dark (KS1 Unit) Equals SoW <u>Plants: Growing Plants (KS1 Unit) Equals SoW</u> <b>Whole school competition: longest cucumber</b></p>
KS4/5	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Our School  <b>'Saying thank you'</b> (Hamilton Brookes SoW - RE - Reception)  <b>'Why do some people say thank you at Harvest?'</b> (Equals1.2.1)</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b> Our School Settling In My amazing body  <u>Animals Including Humans: Health &amp; Growth (KS1 unit) Equals SoW</u></p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>PEOPLE &amp; COMMUNITIES</b> Journeys  <b>'Transport, on the move: Through the Air/Space'</b>  (Hamilton Brookes SoW, Geography - Reception)</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Journeys</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>TECHNOLOGY</b> Communities &amp; Cultures</p>	<p>LINKS: NSS TOPIC / FOCUS: AREA: <b>NATURAL WORLD</b> Communities &amp; Cultures Olympics Seasonal Changes: Light &amp; Dark (KS1 Unit) Equals SoW  <u>Plants: Growing Plants (KS1 Unit) Equals SoW</u> <b>Whole school competition: longest cucumber</b></p>

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**Journey 2 | Community Engagement and Employment Opportunities**

KS2/3	Forces & Magnets (Focusing on Electrical circuits) (KS2 unit)	<u>Properties &amp; Changes of Materials</u> : Grouping & Classifying; Materials & Their Properties (KS2 Unit: Part 3)	<u>Biology</u> : Keep Healthy (KS3 Unit) (adapt to suit KS2)	<u>Light</u> : Light & Shadow (KS2 unit) <u>Sound</u> : Sound & Hearing (KS2 unit)	<u>Animals Including Humans</u> : Variation & Classification (KS2 unit) <u>Biology</u> : Variation & Classification (KS3 Unit) Green Plants (Revisit Briefly to consolidate for Whole School Growing Competition focusing on the parts of a plant / flower)	<u>Plants: Green Plants</u> (KS2 Unit) <u>Biology: Green Plants</u> (KS3 Unit) for more able Green Plants (Revisit briefly to consolidate for Whole School Growing Competition focusing on variation & adaption / plant reproduction) <b>Whole school competition: longest cucumber</b>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					

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**Science Journey 3 | Further Study and Skilled Work Opportunities**

KS2/3	Electricity & Magnetism (Focusing on Electrical circuits) (KS3 unit)	<u>Properties &amp; Changes of Materials</u> : Grouping & Classifying; Materials & Their Properties (KS2 Unit: Part 3) <u>Chemistry</u> : Separating Materials & Their Properties (KS3 Unit)	<u>Biology</u> : Keep Healthy (KS3 Unit)	<u>Light</u> : Light & Shadow (KS2 unit) <u>Sound</u> : Sound & Hearing (KS2 unit) <u>Physics</u> : Light & Sound (KS3 Unit)	<u>Animals Including Humans</u> : Variation & Classification (KS2 unit) <u>Biology</u> : Variation & Classification (KS3 Unit) Green Plants (Revisit Briefly to consolidate for Whole School Growing Competition focusing on the parts of a plant / flower)	<u>Biology: Green Plants</u> (KS3 Unit) Green Plants (Revisit briefly to consolidate for Whole School Growing Competition focusing on variation & adaption / plant reproduction) <b>Whole school competition: longest cucumber</b>
KS4/5	Some students completing OCR Life & Living Skills Horticulture units; linking to science discreetly					