

The University of Hertfordshire's Centre for STEM Education, in partnership with Herts and Essex SLP, is pleased to offer an exciting programme of continuing professional development

Courses at a glance:

Science Leadership

- Developing the role of the primary science subject leader ([page 2](#))
- Getting started as a new primary science subject leader ([page 2](#))
- Intent, implementation and impact: Using the Ofsted framework to strengthen leadership of the primary science curriculum ([page 3](#))
- Making an impact in EYFS: A science subject leaders' guide to developing good practice ([page 3](#))

Teaching for impact across the primary phase

- Engaging science in KS1 ([page 4](#))
- Engaging science in KS2 ([page 4](#))
- Making an impact in EYFS: Science as an enabling environment for early literacy skills ([page 4](#))
- Making an impact in EYFS: Using the outdoors to promote 'Understanding of the World' ([page 4](#))

Developing good practice in primary science

- Developing children's creative writing through primary science ([page 5](#))
- Developing children's non-fiction writing through primary science ([page 5](#))
- An introduction to working scientifically ([page 5](#))
- Developing pupil led investigations – embedding working scientifically in the primary classroom ([page 6](#))
- Assessment and progression in primary science ([page 6](#))
- Developing effect assessment practice in primary science ([page 6](#))
- What is Engineering? ([page 6](#))
- Developing working scientifically outside the classroom ([page 7](#))
- Developing approaches to linking maths and science – primary ([page 7](#))

Primary science network meetings

- Primary science outdoor network meeting – supported by RSPB ([page 8](#))
- Central Bedfordshire subject leader network ([page 8](#))
- North Herts subject leader network ([page 9](#))
- EYFS online primary STEM network ([page 10](#))
- Primary science network meeting – supported by Whipsnade Zoo ([page 10](#))

To book: search for the course code listed at www.stem.org.uk/cpd or click on the course code link
(Please note the course fees shown are for state-maintained schools; more information is on the website)

Science leadership: *face to face & remotely delivered*

Course/Event	Information	Details	Fee
<p>Developing the role of the primary science subject leader</p> <p>Face to Face: University of Hertfordshire</p> <p>Course code: <u>RH101 B05</u></p>	<p>Good subject leadership has a positive impact on the quality of science teaching in primary schools. You will explore a range of strategies to audit and lead science in your school, understand your role more fully and be able to identify and promote effective primary science.</p>	<p>30/09</p> <p>09:30 – 15:30</p>	<p>£185 +VAT</p>
<p>Face to Face: Hazeldene School, Bedford</p> <p>Course code: <u>RH101 B07</u></p>		<p>14/10 part 1</p> <p>04/11 part 2</p> <p>13:30 – 16:15</p>	<p>£185 +VAT</p>
<p>Face to Face: Hertfordshire & Essex High School and Science College, Bishop's Stortford</p> <p>Course code: <u>RH101 B06</u></p>		<p>08/11</p> <p>Venue:</p> <p>09:30 – 15:30</p>	<p>£185 +VAT</p>
<p>Getting started as a new primary science subject leader</p> <p>Remotely delivered</p> <p>Course code: <u>RH198 B68</u></p>	<p>This course will help new science subject leaders strengthen leadership skills and identify current good practice in primary science. We will look at key aspects of the subject leader role and consider a range of strategies to audit science teaching and learning. We will explore the aims of the Ofsted framework and findings from the latest research review and consider implications for practice.</p>	<p>11/10 part 1</p> <p>18/10 part 2</p> <p>14:00 – 16:30</p>	<p>£99 +VAT</p>

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Course/Event	Information	Details	Fee
<p>Intent, Implementation and Impact: Using the Ofsted framework to strengthen leadership of the primary science curriculum</p> <p>Face to Face: University of Hertfordshire</p> <p>Course code: RH184 B02</p>	<p>This course will guide science subject leaders through the aims of the Ofsted framework to develop confidence and understanding. Participants will be encouraged to evaluate the intent, implementation and impact of their school science curriculum and identify ways to drive improvements.</p>	<p>11/11</p> <p>09:30 – 15:30</p>	<p>£185 +VAT</p>
<p>Remotely delivered</p> <p>Course code: RH198 B69</p>		<p>22/11 part 1</p> <p>29/11 part 2</p> <p>14:30 – 16:30</p>	<p>£80 +VAT</p>
<p>Face to face: Hertfordshire & Essex High School and Science College, Bishop's Stortford</p> <p>Course code: RH184 B03</p>		<p>28/02</p> <p>09:30 – 15:30</p>	<p>£185 +VAT</p>
<p>Making an impact in EYFS: A science subject leaders' guide to developing good practice</p> <p>Face to Face: University of Hertfordshire</p> <p>Course Code: RH028 B01</p>	<p>This course will help primary science subject leaders understand the complexities of the Early Years Foundation Stage and identify ways to support and develop teaching and learning in the context of 'Understanding the World'.</p> <p>Please email stem@herts.ac.uk to register interest</p>	<p>26/01</p> <p>09:30-16:00</p>	<p>£185 +VAT</p>

The course content was excellent...I found the pace and content were pitched perfectly for a subject leader.

Participant of Intent Implementation and Impact – using the Ofsted framework

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Teaching for impact across the primary phase: *face to face*

Course/Event	Information	Details	Fee
<p>Engaging science in KS1</p> <p>Face to Face: University of Hertfordshire</p> <p>Course code: <u>RH182 B01</u></p>	<p>This course will enable you to plan and embed a progressive and engaging curriculum to meet the needs of your pupils. You will reinforce your own subject knowledge, develop the use of tools and strategies to support high quality teaching, both with specific reference to KS1 national curriculum requirements, and develop strategies that help to tackle pupils' common misconceptions. Your learning will support the implementation of a broader, balanced and engaging curriculum for your KS1 pupils.</p>	<p>20/01</p> <p>13:15 – 16:30</p>	<p>£95 +VAT</p>
<p>Face to Face: John Donne Primary School, Bedford</p> <p>Course code: <u>RH182 B02</u></p>		<p>16/06</p> <p>13:30 – 16:45</p>	<p>£95 +VAT</p>
<p>Engaging science in KS2</p> <p>Face to Face: Hertfordshire & Essex High School and Science College, Bishop's Stortford</p> <p>Course code: <u>RH183 B02</u></p>	<p>This course will enable you to plan and embed a progressive and engaging curriculum to meet the needs of your pupils. You will reinforce your own subject knowledge, develop the use of tools and strategies to support high quality teaching, both with specific reference to KS2 national curriculum requirements, and develop strategies that help to tackle pupils' common misconceptions. Your learning will support the implementation of a broader, balanced and engaging curriculum for your KS2 pupils.</p>	<p>07/02</p> <p>13:15 – 16:30</p>	<p>£95 +VAT</p>
<p>Making an impact in EYFS: Science as an enabling environment for early literacy skills</p> <p>Face to Face: University of Hertfordshire</p> <p>Course Code: <u>RH027 B01</u></p>	<p>This course will help you to use science as an engaging context in the Early Years Foundation Stage to support the development of children's early literacy skills.</p> <p><i>Date to be confirmed – please email stem@herts.ac.uk to register interest</i></p>		<p>£185 +VAT</p>
<p>Making an impact in EYFS: Using the outdoors to promote 'Understanding of the World'</p> <p>Face to Face: University of Hertfordshire</p> <p>Course Code: <u>RH029 B01</u></p>	<p>This course will help you use the outdoor environment to support teaching and learning in the Early Years Foundation Stage and create a stimulating context for young children to 'Understand the World'.</p> <p><i>Date to be confirmed – please email stem@herts.ac.uk to register interest</i></p>		<p>£185 +VAT</p>

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Developing good practice in primary science: *face to face & remotely delivered*

Course/Event	Information	Details	Fee
<p>Developing children's creative writing through primary science</p> <p>Remotely delivered Course code: RH198 B64</p>	<p>This course explores opportunities for developing children's creative writing skills through a science context. You will be able to identify and plan creative ways to help children communicate their science ideas, knowledge and understanding, making the most of opportunities to link science and English.</p>	<p>19/10 14:00 – 16:30</p>	<p>£50 +VAT</p>
<p>An introduction to working scientifically</p> <p>Face to face: John Donne Church of England Primary School, Bedford Course code: RH024 B03</p>	<p>Understanding 'working scientifically' is vital for children to develop ideas, skills, knowledge and understanding in science. You will be able to confidently implement strategies for planning, resourcing and organising enquiry that challenges scientific thinking.</p>	<p>25/11 13:30 – 16:45</p>	<p>£95 +VAT</p>
<p>Face to face: University of Hertfordshire Course code: RH024 B02</p>		<p>02/12 13:15 – 16:30</p>	<p>£95 +VAT</p>
<p>Developing children's non-fiction writing through primary science</p> <p>Remotely delivered Course code: RH198 B65</p>	<p>This course explores opportunities for developing children's non-fiction writing skills through a science context. You will be able to identify and plan for use of a variety of non-fiction genre to help children communicate their science ideas, knowledge and understanding, making the most of opportunities to link science and English.</p>	<p>30/11 14:00 – 16:30</p>	<p>£50 +VAT</p>

The presenter was fantastic. Knowledgeable, easy to listen to and helpful.

Participant of Developing children's non-fiction writing...

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Course/Event	Information	Details	Fee
<p>Assessment and progression in primary science</p> <p>Face to face: University of Hertfordshire</p> <p>Course code: <u>RH102 B03</u></p>	<p>Evidence shows that effective Assessment for Learning (AfL) leads to raised attainment. Now that formal recording of levels has been removed, you need to be secure in your understanding of how to make judgements about children's achievements and progress.</p> <p>Throughout the course we will identify how you can integrate and embed assessment practices into your science teaching.</p>	<p>09/12</p> <p>13:15 – 16:30</p>	<p>£95 +VAT</p>
<p>Developing pupil led investigations – embedding working scientifically in the primary classroom</p> <p>Face to face: John Donne Church of England Primary School, Bedford</p> <p>Course code: <u>RH026 B03</u></p>	<p>To develop the independence of children thinking and communicating as real scientists is essential to deepen their scientific understanding. You will be able to facilitate and create rich, effective and exciting strategies that provide opportunities that embed and extend scientific skills</p>	<p>27/01</p> <p>13:30 – 16:45</p>	<p>£95 +VAT</p>
<p>Face to face: University of Hertfordshire</p> <p>Course code: <u>RH026 B02</u></p>		<p>02/02</p> <p>13:15 – 16:30</p>	<p>£95 +VAT</p>
<p>Developing effective assessment practice in primary science</p> <p>Remotely delivered</p> <p>Course code: <u>RH198 B63</u></p>	<p>Identify ways good 'level-less' assessment practice can be integrated and embedded into science teaching to secure understanding about children's achievements, progress and next steps. Participants will deepen their understanding about curriculum progression in primary science and develop strategies for effective confident assessment.</p>	<p>31/01</p> <p>14:00 – 16:30</p>	<p>£50 +VAT</p>
<p>What is Engineering?</p> <p>Face to face: University of Hertfordshire</p> <p>Course code: <u>RH090 B01</u></p>	<p>This course provides an introduction to engineering at primary level. It provides participants with an understanding of what engineering is and how it may be introduced to children at primary level.</p>	<p>01/02</p> <p>09:30 – 15:30</p>	<p>£185 +VAT</p>

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Course/Event	Information	Details	Fee
Developing working scientifically outside the classroom Face to face: RSPB Rye Meads, Herts <u>Course code: RH025 B02</u>	Effective strategies which embrace working scientifically outside the classroom enhance enquiry skills. You will be able to build on, and extend, children's abilities by applying different approaches to plan and resource rich learning opportunities.	14/03 09:30 – 15:30	£185 +VAT
Face to face: Hazeldene School, Bedford <u>Course code: RH025 B03</u>		24/03 09:30 – 15:30	£185 +VAT
Developing approaches to linking maths and science - primary Remotely delivered <u>Course code: RH198 B71</u>	This course will help you identify ways to extend and develop children's mathematical skills within the context of science and promote their scientific learning using their mathematical skills and knowledge. Explore ideas and build opportunities into your science lessons for collecting, analysing and presenting data, deepening children's understanding and engagement in science and mathematics.	17/03 13:00 – 15:30	£50 +VAT

What did you find most useful...?

Talking about the different ways of recording children's learning and the resources that were recommended.

Participant of Developing effective assessment practice in primary science

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Primary science network meetings – *face to face & remotely delivered*

Course/Event	Information	Details	Fee
<p>Primary science outdoor network meeting - supported by the RSPB: Making use of the outdoor context to promote science teaching and learning</p> <p>Face to face: RSPB Rye Meads, Hoddesdon</p> <p><u>Course code: RH198 B67</u></p>	<p>Are you looking for inspiration to take science outside? Then join us for this series of friendly outdoor network meetings hosted by the RSPB at Rye Meads, Hoddesdon. We will be learning from the expertise of the RSPB Learning Officers, sharing good practice in primary science and helping you develop ideas to make the most of your outdoor space, to support science teaching and learning across the school.</p>	<p>27/09</p> <p>15:45 – 17:00</p>	<p>£20 +VAT</p>
<p>Face to face: RSPB Rye Meads, Hoddesdon</p> <p><u>Course code: RH198 B70</u></p>		<p>22/11</p> <p>15:45 – 17:00</p>	<p>£20 +VAT</p>
<p>Central Bedfordshire primary science subject leaders' network: the complete series</p> <p>Face to face: John Donne Church of England Primary, Bedford</p> <p>To book all 6 meetings: <u>Course code: RH198 B66</u></p> <p>To book individual meetings click on relevant course code below:</p>	<p>Book for the complete series of 6 meetings and get one free</p> <p>This is a series of local network meetings facilitated by local teachers to share good practice. There will be 6 meetings scheduled across the year, each with a different focus.</p>	<p>See dates below</p> <p>16:00 – 17:00</p>	<p>£75 for all 6 meetings</p>
<p>1. Introduction – network launch</p> <p><u>Course code: RH121 B18</u></p>		<p>29/09</p>	<p>£15 +VAT</p>
<p>2. Hooks, wow, awe & wonder</p> <p><u>Course code: RH121 B19</u></p>		<p>10/11</p>	<p>£15 +VAT</p>
<p>3. Science tool box</p> <p><u>Course code: RH121 B20</u></p>		<p>19/01</p>	<p>£15 +VAT</p>
<p>4. Scientific vocabulary</p> <p><u>Course code: RH121 B21</u></p>		<p>23/03</p>	<p>£15 +VAT</p>
<p>5. Leadership and Ofsted</p> <p><u>Course code: RH121 B22</u></p>		<p>18/05</p>	<p>£15 +VAT</p>
<p>6. Science across the curriculum</p> <p><u>Course code: RH121 B23</u></p>		<p>06/07</p>	<p>£15 +VAT</p>

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Course/Event	Information	Details	Fee
<p>North Hertfordshire primary science subject leaders' network: the complete series</p> <p>Face to face: Round Diamond Primary School, Stevenage</p> <p>To book all 6 meetings: <u>Course code: RH198 B72</u></p> <p>To book individual meetings click on relevant course code below:</p>	<p>Book for the complete series of 6 meetings and get one free</p> <p>This is a series of local network meetings facilitated by local teachers to share good practice. There will be 6 meetings scheduled across the year, each with a different focus.</p>	<p>See dates below</p> <p>15:45 – 17:00</p>	<p>£75 for all 6 meetings</p>
<p>Hooks, wow, awe and wonder</p> <p><u>Course code: RH121 B24</u></p>		07/10	£15 +VAT
<p>Whole school and class projects</p> <p><u>Course code: RH121 B25</u></p>		09/12	£15 +VAT
<p>Leadership and Ofsted</p> <p><u>Course code: RH121 B26</u></p>		03/02	£15 +VAT
<p>Moderation</p> <p><u>Course code: RH121 B27</u></p>		24/03	£15 +VAT
<p>Digging deeper</p> <p><u>Course code: RH121 B28</u></p>		12/05	£15 +VAT
<p>Scientific vocabulary</p> <p><u>Course code: RH121 B29</u></p>		23/06	£15 +VAT

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Course/Event	Information	Details	Fee
<p>EYFS Primary STEM network meeting (online): helping young children to 'Understand the World'</p> <p>Remotely delivered</p> <p>To book individual meetings click on relevant course code below:</p>	<p>Are you an Early Years practitioner or teacher looking to develop good practice in science, maths, technology or engineering? If so, then why not join our new online EYFS specialist network dedicated to helping you develop teaching and learning in your EYFS setting. These topical sessions will inspire innovative practice promoting 'Understanding of the World' and linking to the prime area of maths, building a community through which we will discuss ideas and share good practice.</p>	<p>There will be a meeting each half term.</p>	<p>£15 +VAT per meeting</p>
<p>Meeting 1 <u>Course code: RH121 B33</u></p>		<p>20/10 15:45 – 16:45</p>	<p>£15 +VAT</p>
<p>Meeting 2 <u>Course code: RH121 B34</u></p>		<p>08/12 15:45 – 16:45</p>	<p>£15 +VAT</p>
<p>Meeting 3 <u>Course code: RH121 B35</u></p>		<p>02/02 15:45 – 16:45</p>	<p>£15 +VAT</p>
<p>Meeting 4 <u>Course code: RH121 B36</u></p>		<p>30/03 15:45 – 16:45</p>	<p>£15 + VAT</p>
<p>Primary science network meeting – supported by ZSL Whipsnade Zoo</p> <p>Face to face: ZSL Whipsnade School, Whipsnade, Dunstable</p> <p>To book individual meetings click on relevant course code below:</p>	<p>Are you looking for primary science inspiration? Then join us for this series of friendly network meetings hosted by ZSL Whipsnade Zoo, Dunstable, Bedfordshire. In addition to sharing good practice and exploring topical issues with primary science specialists, we will be learning from the expertise of the Zoo's Learning Officers, to support science leadership, teaching and learning across the school.</p>	<p>There will be 3 meetings across the academic year, one per term. See dates below.</p>	<p>£20 +VAT per meeting</p>
<p>Meeting 1 <u>Course code: RH121 B30</u></p>		<p>24/11 15:45 – 17:00</p>	<p>£20 +VAT</p>
<p>Meeting 2 <u>Course code: RH121 B31</u></p>		<p>16/03 15:45 – 17:00</p>	<p>£20 +VAT</p>
<p>Meeting 3 <u>Course code: RH121 B32</u></p>		<p>22/06 15:45 – 17:00</p>	<p>£20 + VAT</p>