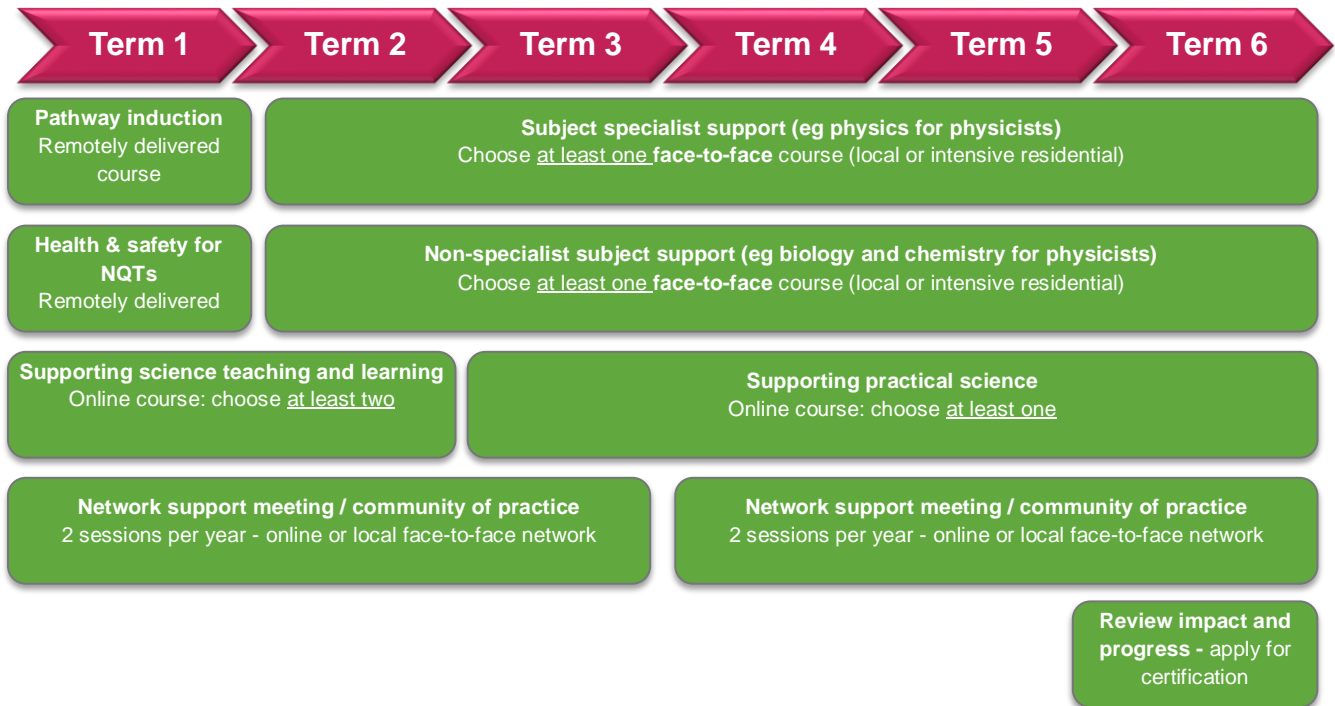


## Early Career secondary science CPD Pathway

This pathway covers a minimum of 40 hours of professional development over a two-year period of support, delivered across a variety of different methods and chosen by you, to meet your professional development needs.



### Early career secondary course list

	When	Activity	Delivery mode	Duration
Year 1	Term 1	<a href="#">Health and safety for NQTs</a>	Remotely delivered CPD	5 hours
	Terms 1 & 2	<b>Choose at least two:</b> <a href="#">Behaviour for learning in science</a> <a href="#">Planning for learning- formative assessment</a> <a href="#">Introduction to assessment for learning</a>	Online CPD (accessible anytime)	2 x 5 hours
	Throughout year 1	Network support meeting / community of practice	Remotely delivered or local CPD	One hour twice a year
Spanning both years	Terms 2 - 6	<b>Choose at least one</b> locally delivered course <b>and</b> one intensive residential course as required: <ul style="list-style-type: none"> <li>- subject specialist courses</li> <li>- non-specialist courses</li> </ul>	One local course and one intensive residential course	Local CPD – 5 hours Intensive CPD – 12 hours
Year 2	Anytime during year 2	<b>Choose at least one:</b> <a href="#">Teaching biology: inspiring students with plants in science</a> <a href="#">Managing practical classroom</a> <a href="#">Teaching practical chemistry</a> <a href="#">Teaching practical physics</a> <a href="#">Teaching practical biology</a>	Online CPD (accessible anytime)	5 hours
	Throughout year 2	Network support meeting / community of practice	Remotely delivered or local CPD	One hour twice a year

### What can I expect from joining this pathway?

The early career pathway gives you access to a community of teachers across the country who are also starting out in their teaching career. This will enable you to share good practice, ideas for teaching and be supported by a network of experienced professionals. The pathway will allow you to get extra help and support, in addition to what your mentors provide in school. Your mentor may want to use the CPD in the pathway to help you show progress in meeting the Teacher Standards.

The CPD highlighted within this pathway is designed to enhance your teaching with courses that are particularly suitable for those in the first few years of teaching secondary science. It enables you to both increase your skills, as well as developing practice by working with others outside of your own school environment.

### What is the minimum level of commitment over the course of the pathway?

- pathway induction (1 hour)
- health and safety course for NQTs (5 hours)
- minimum of two online courses in first two terms (2 x 5 hours)
- one face-to-face local course or remote CPD (5 hours)
- one face-to-face intensive residential course (12 hours)
- one additional online course (5 hours)
- four network meetings or engagement with community of practice (4x1 hour)
- complete a review of the CPD, its impacts and planning next steps (2 hours)

**Total: 44 hours**

### How much does it cost?

There is no charge for joining or for accreditation. The cost of each activity within the pathway varies and therefore the cost of the pathway depends on the route you decide to take. Residential intensive CPD at the National STEM Learning Centre is supported by generous bursary funding, which in some cases will more than cover course fees and can be used to offset other courses within the pathway, such as our local and remotely delivered CPD which is also heavily subsidised. Signing up allows you free upgraded access to our suite of FutureLearn online CPD.

### Participant A's pathway (state funded organisation):

	Activity	Maximum cost			Minimum cost		
		Max. fees	Min. bursary	Cost to school	Max. fees	Max. bursary	Cost to school
Year 1	Induction	£0	£0	£0	£0	£0	£0
	Online CPD – 2 courses	£0	£0	£0	£0	£0	£0
	H&S for NQTs	£50	£0	£50	£50	£0	£50
	Networks of support	£0	£0	£0	£0	£0	£0
Year 1&2	Local CPD	£175	£0	£175	£175	£0	£175
	Intensive residential CPD	£1,600	£850	£750	£1,600	£2,350	-£750
Year 2	Online CPD – 1 course	£0	£0	£0	£0	£0	£0
	Networks of support	£0	£0	£0	£0	£0	£0
	<b>Total fees:</b>	<b>£1,825</b>	<b>£850</b>	<b>£975 payable by the school</b>	<b>£1,825</b>	<b>£2,350</b>	<b>£525 funding to the school</b>

Use the bursary checker on the course pages to see what level of bursary you are entitled to. The above scenario details the costs associated with the minimum commitment to complete the pathway. Any additional optional activities will be charged accordingly. Independent schools and other non-maintained organisation fees are higher. All costs are subject to change.

### Specialist and non-specialist course list

	Biology		Chemistry		Physics	
	Specialist	Non-specialist	Specialist	Non-specialist	Specialist	Non-specialist
Local courses (Choose one)	<a href="#">Strengthening practical work in biology</a>  <a href="#">Maths for post-16 science</a>		<a href="#">Strengthening practical work in chemistry</a>  Teaching A level / KS5 chemistry for the first time (available January 2021)  <a href="#">Maths for post-16 science</a>		<a href="#">Strengthening practical work in physics</a>  <a href="#">Teaching A level / KS5 Physics for the first time</a>  <a href="#">Maths for post-16 science</a>  <a href="#">Teaching A level physics for the first time</a>	<a href="#">Physics for non-specialists</a>
Intensive courses (Choose one)	<a href="#">New to teaching A level biology</a>  <a href="#">Maths in biology</a>  <a href="#">Effective A level practical work: Biology</a>	<a href="#">Teaching GCSE Biology</a>  <a href="#">Effective GCSE practical work: biology</a>	<a href="#">New to teaching A level chemistry</a>  <a href="#">Maths for chemistry</a>  <a href="#">Effective A level practical work: Chemistry</a>	<a href="#">Chemistry for non-specialists</a>  <a href="#">Teaching GCSE chemistry</a>  <a href="#">Effective GCSE practical work: chemistry</a>	<a href="#">New to teaching A Level physics</a>  <a href="#">Mathematics for physics teachers</a>  <a href="#">Effective A Level practical work: Physics</a>	<a href="#">Physics for non-specialists</a>  <a href="#">Effective GCSE practical work: physics</a>
Remote courses (optional extras)		<a href="#">SKE: biology KS3</a>  <a href="#">SKE: biology KS4</a>  <a href="#">SKE: biology TS</a>		<a href="#">SKE: chemistry KS3</a>  <a href="#">SKE: chemistry KS4</a>  <a href="#">SKE: chemistry TS</a>		<a href="#">SKE: physics KS3</a>  <a href="#">SKE: physics KS4</a>  <a href="#">SKE: physics TS</a>

If you have any further questions, please email us on [pathways@stem.org.uk](mailto:pathways@stem.org.uk)