Teaching in Primary Science
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Course Summaries

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T.I.P.S is a high quality consultancy and school-based training service offering support in teaching Science and Design Technology.

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Getting started as a New Subject Leader in Primary Science

Summary

This full day course gives new subject leaders the opportunity to understand the content of the statutory requirements for Primary Science.

To provide Science subject leaders with an understanding of the knowledge and planning of the '*working scientifically*' skills required to lead the Science curriculum effectively.

Outcomes

You will look at:

- Your role as the science subject leader
- How to get started; a look at the **Ofsted** terms of the **intent, implementation and impact** of primary science educaton in your school
- Ensuring coverage and progression: Curriculum Mapping in Science
- Good teaching and learning in Science (an Ofsted perspective)
- Ways of supporting staff with different types of scientific enquiry being taught in school

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Primary Science Subject leader - The next steps...

Summary

This 2 day course aims to provide the subject leader with a deeper understanding of their role in leading the Primary Science Curriculum. The training will give the delegates an insight into how to develop their leadership skills to be able to implement the changes necessary within the science curriciulum.

Outcomes

You will:

- Develop your role as a Science subject leader
- Understand the **Ofsted** terms **intent, implement and impact** and what this looks like with Primary Science in your school
- Understand the core principles behind good practice in teaching primary science
- Develop the skills of monitoring and evaluation, and in turn use this information to lead the curriculum and support the teaching and learning of Primary Science in your school
- Understand the importance of implementing on-going formative assessment strategies

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Embedding 'Working Scientifically' in the Primary Science Curriculum

Summary

This full day course gives teachers the opportunity to look at and undestand progession throughout the '*working scientifically*' strange of the Primary Science Curriculum.

Effective teaching of scientific enquiry is central to developing the children's ideas, skills, knowledge and understanding in science.

Outcomes

You will:

- Understand '*working scientifically*' skills for KS1 and 2
- To provide examples of activities to aid skills progression in science
- Implement a wide range of strategies for planning, resourcing and organising enquiry
- Understand the different types of **scientific enquiry** children can engage in to explore the world around them

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Teaching Science confidently in Key Stage 1

Summary

This full day course will help teachers develop the confidence to teach practical science in the classroom. Perfect for those who are new to teaching primary science or those who would like to develop their knowledge and understanding of '*working scientifically*' skills.

Outcomes

You will:

- Explore a range of strategies to deliver enquiry in primary science in an engaging and practical way in Key Stage 1
- Explore the different types of '*working scientifically*' skills and learn how to deliver the scientific concept, knowledge and understanding with the skills so as to embed them in the pupils learning
- You will trial activities and think about the impact they have on your teaching and the learning of your pupils

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Teaching Science Confidently in Key Stage 2

Summary

This full day course will help teachers develop the confidence to teach practical science in the classroom. Perfect for those who are new to teaching primary science or those who would like to develop their science knowledge and understanding of '*working scientifically*' skills.

Outcomes

You will:

- Explore a range of strategies to deliver 'Enquiry in Primary Science' in an engaging and practical way in Key Stage 2.
- Explore the different types of '*working scientifically*' skills and learn how to deliver the challenging scientific concept, knowledge and understanding with the skills so as to embed them in the pupils learning.
- You will trial activities and think about the impact they have on your teaching and the learning of your pupils.

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Practical assessment strategies in Primary science

Summary

Explore and develop effective formative assessment strategies for enhancing your pupils' ability to think, question and communicate their scientific conceptual understanding more deeply.

Outcomes

You will be able to:

- Develop a deeper understanding of effective questioning techniques and how they can be used to support learning in science.
- Appreciate a range of evidence-based strategies which can be used to enhance pupils' scientific thinking skills
- Explore resources and consider how to best make use of them in the classroom

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Getting Started as a New Subject Leader in Primary Design and Technology

Summary

This full day course gives subject leaders the opportunity to understand their role in developing, implementing and monitoring the Design and Technology Curriculum in school.
It aims to provide subject leaders with an understanding of the Primary National Curriculum in Design Technology knowledge and understand the progression.

Outcomes

You will look at:

- Developing your role as the D&T subject leader and how to get started
- Monitoring and evaluating the school's D&T school curriculum
- Understanding the **Ofsted** terms: **intent, implementation and impact** for D&T in school
- Ensuring coverage and progression: Curriculum Mapping
- How to support staff and lead cpd
- New resources, ideas, key documents and resources for D&T subject leaders
- Understand the technical language and progression in a strand of the D&T

Delegates will have the opportunity to take away some good resources they will develop as part of the training day to use in school.

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Support Network Programme for NQTs and RQTs

Summary

This programme is to provide termly training opportunities for primary NQTs/RQTs with an opportunity to network and to share ideas and experiences. It aims to help teachers new to the profession with advice and teaching strategies in a friendly supportive manner.

Outcomes

You will look at:

- Getting to Grips with Asking Better Questions
- Getting to Grips with Differentiation
- Getting to Grips with Independence in Learning

Setting down the foundations to become a good classroom teacher. This course looks at the key features of good and outstanding teachers and focuses in on three areas in teaching.

Who should attend:
This course is aimed at NQTs teaching in the primary phase. However, it would also be useful to HLTAs working with groups of pupils for intervention.

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An Independent approach to Fair Test Investigations

Summary

Do you find it a daunting experience letting a class of children all do their own science investigation?

Come along to this workshop to understand and be able to confidently teach the process of a fair test investigation. Empower the children to take ownership of **planning, doing and reviewing** their fair test.

Outcomes

This training will give you the confidence to allow the children to explore and in turn come up with their own testable question.

It will change your approach to teaching in primary science!

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