

Teaching Science through Big Ideas



Science in Primary schools can be seen as a series of disconnected topics. Big ideas in science provide the broad unifying concepts which help pupils make sense of science.

This helps schools plan a science curriculum based on sound principles of progression, and gives pupils a science experience that helps them make greater sense of the world.

Recently, the science education community has organised the content of science into a set of big ideas. These include: energy, particles, forces, inheritance and evolution. Delegates will explore how these Big Ideas can be used to construct a coherent curriculum in primary science which is both developmental in terms of scientific concepts and children's thinking.

Working scientifically through enquiry is the theme which unifies all of science; delegates will carry out practical investigations, using simple equipment that can be used in the classroom that develops pupils' understanding of these fundamental concepts of science.



Delegates should bring examples of long, medium and short term planning.

Outcomes:

- understand the relationship between wide reading and standards
- learn how successful schools have developed a reading culture
- understand the role of the school library and librarian in literacy
- understand the role of teachers and other adults in encouraging reading

| | |
|----------------|--|
| Dates: | 29/02/2016 |
| Time: | 9:30 am - 4:00 pm |
| Venue: | Norwich Professional Development Centre |
| Cost: | £165 per delegate |
| Ref No: | TLS-0216-T017 |

For more information and to make a booking

 <http://www.s4s.norfolk.gov.uk> or  niastraining@norfolk.gov.uk