

Lancashire

Secondary Consultancy Support

Science

Illustrative examples of support areas

1. Departmental review:

- A review of the quality of education in science across the department including attainment, pedagogy, progression and sequencing in the curriculum, use of assessment
- Support for the development of effective self-evaluation at a departmental level including the quality of education in science

2. Curriculum Development

- Devising a five-year curriculum plan or road map
- Reviewing schemes of learning
- Ensuring coverage of cross curricular skills such as subject disciplinary literacy and numeracy
- Developing transition strategies/units
- Signposting resources

3. Development of the quality of learning and teaching:

- Individual/department level coaching
- Developing a coaching team
- Moving learning and teaching from good to outstanding
- Support for strengthening pedagogy
- Planning and teaching for progression
- Challenge and engagement
- Stretching Higher Prior Attaining students
- Thinking skills
- Adaptive and Responsive teaching
- Assessment for learning
- Teaching for independence
- Using assessment to support planning
- Support for non-specialist teachers
- Supporting SEND pupils
- Developing disciplinary knowledge across the curriculum
- Developing group work and discussion
- Developing Science literacy skills
- Modelling in Science
- Practical Science
- Developing understanding of the Key Ideas in Biology, Physics and Chemistry
- Developing the use of ICT to support learning in science
- Developing Science numeracy skills

4. Development of leadership and management:

- Subject leader induction
- Enhancing the leadership and management skills of the subject leader
- Developing departmental systems and policies
- Review of departmental documentation
- Developing, implementing and reviewing the departmental development plan
- Raising the profile of Science. For example: planning a Science week

5. Monitoring and intervention:

- Developing and implementing intervention strategies
- Developing robust assessments
- Understanding and using data effectively
- Developing pupil tracking systems at a departmental level
- Review and/or development of departmental assessment systems

6. Preparation for examinations:

- Effective Science revision strategies

7. Delivery of staff professional development sessions:

- CPD on many aspects of learning and teaching
- CPD on assessment issues
- Supporting ECTs in science