Getting Practical
Science transition project
Session 3
Session 3 Outcomes

• Review the evidence to show effectiveness of a sample of practical activities.
• Consider the best model for disseminating training in schools and across clusters.
• Customise the training package so that it meets the needs of individual institutions.
Reflecting on the gap task

- In Key Stage groups discuss the feedback from pupils.
- Be prepared to feedback key points to the rest of the group.
Reflecting on the effectiveness of practical work

A. Teacher's objectives
   what the pupils are intended to learn

B. Task specification
   what the pupils are intended to do

C. Classroom events
   what the pupils actually do

D. Learning outcomes
   what the pupils actually learn

Effectiveness at Level 1
Did pupils do what they were intended to do (and see the things they were meant to see)?

Effectiveness at Level 2
Did pupils learn (and can later show understanding of) what they were intended to learn?
Presenting your vision for science

- Reflect on your vision for science in your school.
- Decide what training implications this has.
- Prepare a pitch to deliver to your Leadership team and Governors about the future of science in your school – use the prompt cards to help you.
Triad madness!

- Get into triads and present your pitch to each other.
- Discuss pitches
  - give feedback
  - identify any problems with implementing training.
  - suggest possible solutions.
Overcoming barriers to change

Categories of adopters of innovations

What are the qualities that make innovations spread?

1. Relative advantage
2. Compatibility with existing values and practices
3. Simplicity
4. Trialability
5. Observable results
Designing a CPD package to use in your school

- Use the proforma and website to design your CPD package.

Discussion and Feedback

- In small groups discuss your CPD plan.
- Are there any points from other plans that you would like to include in yours?