

# Teacher Guidance Notes - Year 4

## ‘Egg Helmet’ Experiment’

### Learning Outcomes

- Pupils will have learned how to set up a scientific experiment and the importance of making it a ‘fair test’
- From the results pupils should be able to deduce whether cycle helmets work
- Pupils will have discovered the best materials for making cycle helmets
- Pupils will be aware of cycle-helmet wearing rates and why they are so low

The lesson incorporates both a science experiment and, in the follow-up work, some design and technology.

It can be messy and cause some excitement smashing raw eggs, so some extra adult- help is advised.

It may be worth checking that no child is allergic to eggs, and it is essential that pupils wash their hands properly afterwards.

‘Egg-helmets’ complete with an instruction sheet, can be obtained from:

The Cycle-Smart Foundation  
71 Milford Road,  
Reading,  
Berkshire  
RG1 8LG.  
t: 0118 958 3585  
e: [info@cycle-smartfoundation.org](mailto:info@cycle-smartfoundation.org)

