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Publishing**

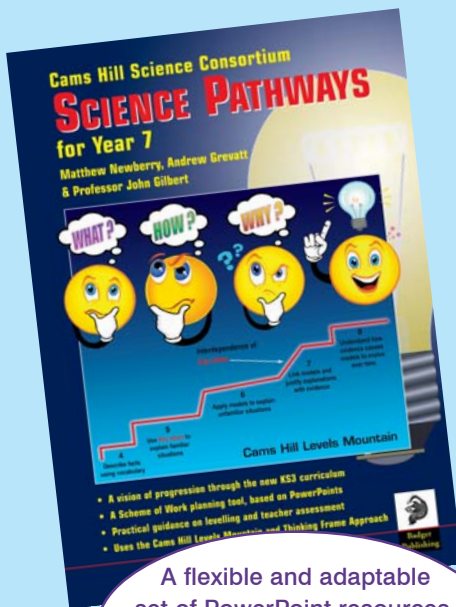
to the **HEAD** of **SCIENCE**

Announcing a major new Badger science series for KS3

New

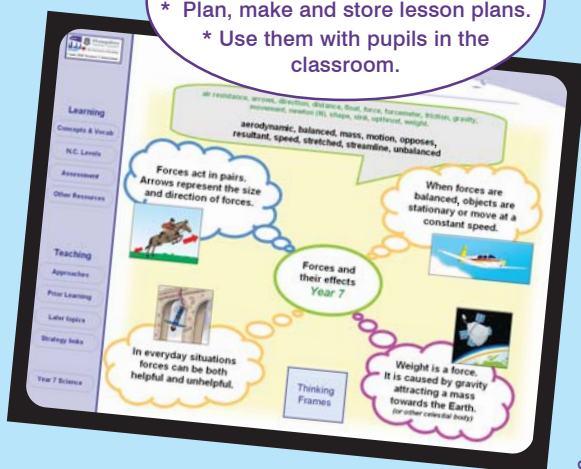
Cams Hill Science Pathways

Matthew Newberry,
Andrew Grevatt
and Professor
John Gilbert



A flexible and adaptable set of PowerPoint resources.

- * Plan, make and store lesson plans.
- * Use them with pupils in the classroom.



Are you disillusioned by expensive ready made schemes of work and text books?

Do you want to meet the demands of the new KS3 and teach 'How Science Works' by building on the good practice and resources you already have?

Would you like a resource that helps your teachers make levels and levelling come alive in the classroom?

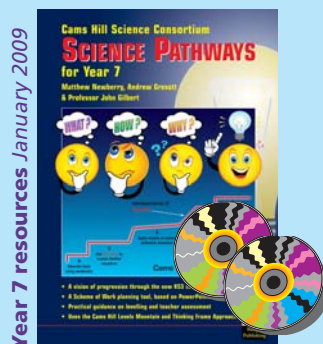
Do you want a structure that supports progression through the Key Stage 3 Curriculum?

Do you want support for your science teachers to develop and more enquiry based lessons (How Science Works)?

Then *Cams Hill Science Pathways* is the tool you need.

Offering an interactive KS2 and KS3 overview, this resource will enable you to plan for progression within your Scheme of Work and to improve pupil engagement through Levels and Levelling in the classroom.

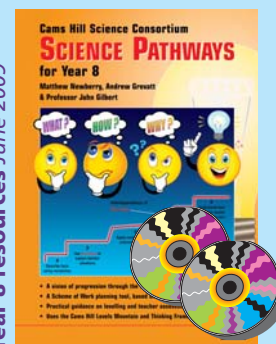
- ★ A vision of progression through the new KS3 curriculum
- ★ A Scheme of Work planning tool, based on PowerPoint slides
- ★ Practical guidance on levelling and teacher assessment
- ★ Uses the Cams Hill 'Levels Mountain' and 'Thinking Frame' approach



Year 7 resources January 2009

Cams Hill Science Pathways Y7
Teacher Book & 2 CD-ROMs +
Site Licence
£252.75 (£225 + £27.75 VAT)
978-1-84691-482-9

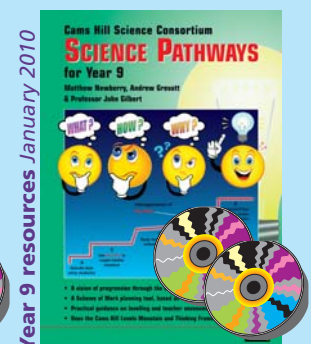
Sample material Y7
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Year 8 resources June 2009

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Year 9 resources January 2010

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Sample material Y9
Teacher Book and Sample Unit
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The latest addition to Badger's growing and acclaimed science list for KS3 & KS4 GCSE

See back page for more details...

- ★ Helping you to arrive at accurate teacher-assessed levels.
- ★ Based on seven years of classroom-based action research.
- ★ Includes the highly-acclaimed 'Levels Mountain' and 'Thinking Frame Approach'.
- ★ Promoting progression from primary science and preparing for the skills and understanding required in KS4.
- ★ Uses the 'Thinking Frame Approach' to improve
 - problem solving skills
 - enquiry based learning
 - literacy at word, sentence and paragraph level
 - understanding of progression in easy steps, using the 'Levels Mountain'.

Excellent Continuing Professional Development resources

Cams Hill Science Pathways provide teachers with the Continuing Professional Development (CPD) resources and tools you need to enable you to plan, deliver and evolve a scheme of work tailored to meet the needs of the individual children at your school.

CHSC Science Pathways offers:

- A flexible and adaptable set of **PowerPoint resources** which can be used for planning, making and storing lesson plans and also with the pupils in the classroom.
- **Progression in scientific understanding and concepts** presented as 'Topic Overviews'. This progression meets the demands of the new National Curriculum and exceeds the National Strategy Yearly Objectives.
- A practical method of **designing your own school curriculum** which meets your local needs whilst incorporating existing best practice and resources.
- The '**Thinking Frame Approach**' a highly effective means of learning through problem solving and helping to improve verbal and written explanations in science.
- Practical advice and resources to support **CPD** including
 - understanding 'How Science Works'
 - using levels and levelling interactively in the classroom
 - improving progression during the transition between KS2 and KS3 Science.

Cams Hill

dev

New!

Easy Navigation

Easy to use PowerPoint format enables access to all the resources and lesson planning templates.

Familiar Format

The topics have the same names as the QCA SoW and are mapped against the National Strategy Framework Objectives.

Each concept links to Word document templates helping you to plan your own 'How Science Works' and content style lessons.

Sample PowerPoint

Some of the other 12 PowerPoint slides from the same Y7 unit on Forces

Cams Hill Science Pathways

Developed for teachers by teachers

Build on your best resources

Convert your existing best practise – link in resources and build on them to meet the needs of the new KS3.

Topic Overviews

Make the time to learn through 'How Science Works' by focussing on key concepts and vocabulary.

Promote thinking

Each key concept has an associated image. Together they promote pupil discussion and thinking skills.

Point slide from the Year 7 unit on Forces and Their Effects

Topic comes with a Levels and support for levelling the of 'How Science Works'.

It's easy to see what has been taught in previous years and what will be taught later.

Access training and templates to use the Cams Hill 'Levels Mountain' and 'Thinking Frame Approach' to promote engagement.

“ I am confident of three things. The Cams Hill Science Consortium’s Pathways approach will revitalize the professionalism of school science teachers. It will offer a way for pupils to learn the nature of ‘How Science Works’ and scientific enquiry. The successful use of the *Cams Hill Science Pathways* will lead to a sustained improvement in standards of Science teaching and learning. ”

Professor John Gilbert

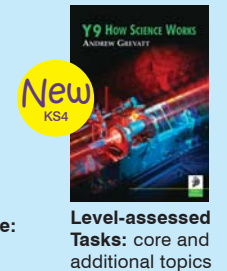
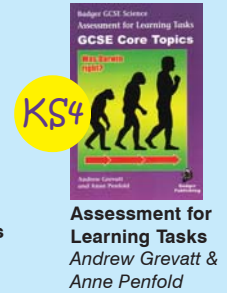
Cams Hill Science Consortium Conferences & INSET Workshops

Acting as Consultants, the authors of *CHSC Science Pathways* regularly offer a range of INSET workshops for both primary and secondary teachers in their own schools. They have also presented at a variety regional and national conferences.

To find out more about what they can offer please contact them at www.thinkingframe.com

Other Badger Science resources for KS3 and KS4 GCSE

Badger publishes a growing and highly-acclaimed science list for secondary science...



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Coming soon...
Starters for KS4 GCSE

Order Form

NEW

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Year 7 resources January '09

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