



## Key Stage 3 Programmes

*FSC programmes are fixed length courses with clearly stated outcomes and links to National Curriculum requirements*

### How Science Works 3 days

- Keen to use real world learning to **engage** students?
- Want to make cross-curricular links with science?
- Want to promote **social skills** in the outdoor classroom?
- Interested in effectively **challenging** Gifted and talented students?
- Seek **inclusive** experiences that appeal to a range of learners?
- Aim to make the Science fun through **memorable** experiences?

Please visit

<http://www.field-studies-council.org/outdoorclassroom/>

For alternative Key Stage 3 Programmes

## OVERVIEW

The outdoor classroom and real world learning are used throughout this course to ‘make Science real’ and enhance student’s personal and social development. Students investigate the awe inspiring environments and habitats to aid their learning about the world around them other people and themselves.

## PROGRAMME LENGTH

3 Days (2 nights with 6 teaching sessions)

Monday	Tuesday	Wednesday
Arrive for lunch	Morning, afternoon & evening sessions	Morning session
Afternoon & evening sessions		Depart after Lunch

Or

Wednesday	Thursday	Friday
Arrive for lunch	Morning, afternoon & evening sessions	Morning session
Afternoon & evening sessions		Depart after Lunch

Or

Friday	Saturday	Sunday
Arrive for evening meal	Morning, afternoon & evening sessions	Morning session
evening session		Depart after afternoon session

## PROGRAMME CONTENT

Includes:

- Orienteering / map reading
- Problem solving, team building and personal social development
- Science investigations fulfilling Statutory National Curriculum requirements on out of classroom learning and with cross-curricular links to geography, citizenship and mathematics
- Studies of diverse habitats and adaptations of organisms

## EVERY CHILD MATTERS OUTCOMES WHICH THE COURSE CONTRIBUTES TO:

### **Be healthy:**

- *Physically healthy*

### **Enjoy and achieve:**

- *Achieve personal and social development and enjoy recreation*
- *Achieve stretching national educational standards at secondary school*

### **Make a positive contribution:**

- *Engage in decision-making and support the environment*
- *Develop positive relationships*
- *Develop enterprising behaviour*

## NATIONAL CURRICULUM LINKS:

### Science:

- 1.1 (b) *'Critically analyzing and evaluating evidence from observations'*
- 2.1 (b) *'Assess risk and work safety in the field'*
- 2.1 (c) *'Plan and carry out investigative activities'*
- 3.3 (d) *'All living things show variation & are interdependent, interacting with each other & their environment'*
- 3.4 (a) *'Geological activity is caused by chemical and physical processes'*
- 3.4 (c) *'Human activity and natural processes can lead to changes in the environment'*
- 4 (e) *'Experience science outside the school environment'*
- 4 (g) *'Recognise the importance of sustainability in scientific and technological developments'*

### Geography:

- 1.1 (a) *'Understanding the physical and human characteristics of real places'*
- 1.6 (a) *'Understand that physical and human dimensions of the environment are interrelated'*
- 1.6 (b) *'Explore sustainable development and its impact on environmental interaction and climate change'*
- 2.3 (a) *'Use a maps at a range of scales'*

### PE:

- 1.1 (c) *'Responding with body and mind to the demands of an activity'*
- 1.4 (b) *'Recognise that physical activity has a great impact on physical, mental and social wellbeing'*

### Citizenship:

- 1.1 (a) *'Participating in different kinds of decision making'*
- 2.2 (b) *'Taking account of different viewpoints'*
- 2.3 (a) *'Explore creative approaches to taking action on problems and issues to achieve intended purposes'*
- 3 (a) *'Actions that individuals and groups can take to influence decisions affecting the environment'*

### English:

- 1.4 (c) *'Explore other ideas and develop their own'*
- 2.1 (d) *'Engage an audience using a range of techniques'*

### Mathematics:

- 2.1 (a) *'Identify the mathematical aspects of a situation or problem'*
- 2.1 (d) *'Select mathematical information methods and tools to use'*
- 2.2 (k) *'Make accurate mathematical diagrams and graphs'*
- 2.3 (d) *'Look at data to find patterns and exceptions'*
- 3.3(c) *'Measures of central tendency and spread'*
- 4 (d) *'Work on problems that arise in other subjects and in contexts beyond the classroom'*

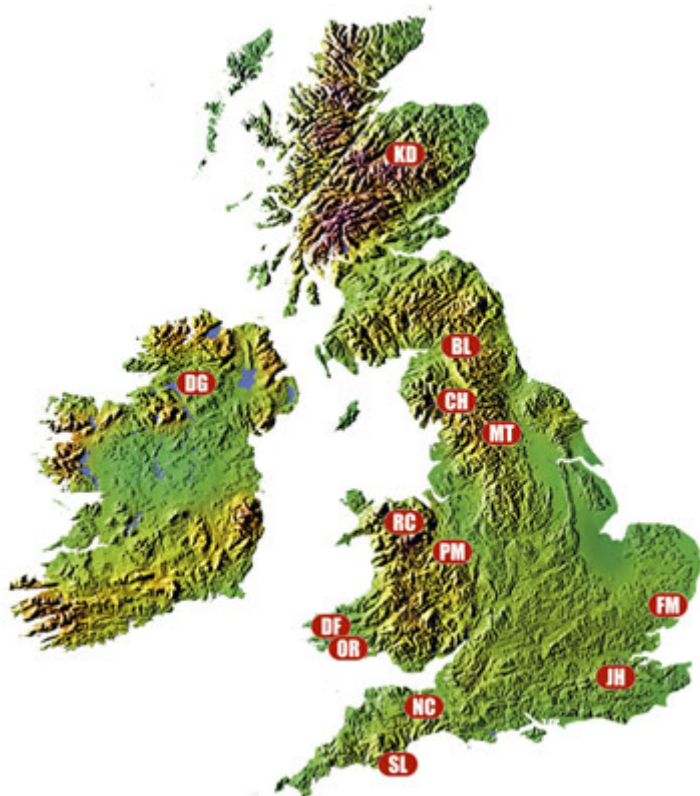
**TIMETABLE**

DAY	MORNING	AFTERNOON	EVENING
1	<p><b>Arrival</b> (approx. 12 - 1pm)</p> <p><b>Welcome and outline the week's challenges ahead</b></p> <p>Tour of centre            Settle into rooms            Allocate kit (i.e. waterproofs)</p>	<p><b>Orienteering and Team Building</b></p> <p>A variety of team building activities including orienteering are used to:</p> <ul style="list-style-type: none"> <li>• Develop a sense of place and map skills</li> <li>• Introduce the 'ingredients' of a good team, and why teamwork is key</li> <li>• Generate individual targets for the course on working better in a team</li> </ul>	<p><b>Night Walk</b></p> <p>Students exploring the surrounding environment under as the light fades to:</p> <ul style="list-style-type: none"> <li>• Improve their team and communication skills (building on the afternoon session)</li> <li>• Compare and contrast the rural area by the centre to their home area</li> </ul>
2	<p><b>Key question for the day – How should the environment be managed?</b></p>		<p><b>Environmental Challenges and Quiz</b></p> <p>A variety of games are used to show how the centre is trying to be sustainable to:</p> <ul style="list-style-type: none"> <li>• Show how students can live more sustainably when they go home</li> <li>• Recapping and celebrating the day's learning</li> </ul>
	<p><b>What's living here?</b></p> <p>Special habitats (in locations such as a rocky shore, stream or ponds) are explored by students to:</p> <ul style="list-style-type: none"> <li>• How organisms are linked to their environment and landscape</li> <li>• Show the diversity of life there and use food webs</li> <li>• Understand the adaptations and life cycles of organisms</li> <li>• Develop investigation skills</li> </ul>	<p><b>How do people affect habitats?</b></p> <p>Students explore the impacts people have on organisms through ecological games. Then they have 160 minutes to investigate and detect evidence of the impact of people on organisms in an environment to:</p> <ul style="list-style-type: none"> <li>• Show how people can impact on fragile habitats</li> <li>• Develop fieldwork skills</li> <li>• Improve teamwork and investigative skills through outdoor learning</li> </ul>	
3	<p><b>Woodland Enquiries</b></p> <p>Students complete investigations using course skills including:</p> <ul style="list-style-type: none"> <li>• How seeds can be transported</li> <li>• Measuring tree height/canopy</li> <li>• Study of Micro-climates</li> <li>• Estimating the age of the wood</li> </ul> <p><b>Award Ceremony</b></p> <p>Students receive certificates</p>	<p><b>Depart</b></p>	

\*Please note: to ensure safe and quality learning experiences for students the timetable may alter depending on weather conditions and local factors at centres.

## FSC CENTRES

This programme is offered at our residential centres listed below, set in some of the most stunning locations in the UK.



### FSC Centres that offer this programme:

BL	Blencathra	Tel: 017687 79601
CH	Castle Head	Tel: 0845 3307364
DF	Dale Fort	Tel: 0845 3307365
DG	Derrygonnelly	Tel: 028 686 41673
FM	Flatford Mill	Tel: 0845 330 7368
JH	Juniper Hall	Tel: 0845 458 3507
KD	Kindrogan	Tel: 01250 870150
MT	Malham Tarn	Tel: 01729 830 331
NC	Nettlecombe	Tel: 01984 640320
OR	Orielton	Tel: 0845 330 7372
PM	Preston Montford	Tel: 0845 330 7378
RC	Rhyd-y-creuau	Tel: 01690 710 494
SL	Slapton Ley	Tel: 01548 580 466

### TO BOOK THIS PROGRAMME, SIMPLY:

1. Choose the time of the year you would like to attend
2. Pick the centre/centres of interest
3. [Check availability online](#) or contact head office using the details at the bottom of the page or contact the centre of your choice

*\*Please note to book this programme the minimum size of your group must be 12 students and 1 member of staff*

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for alternative key stage 3 programmes

**The FSC prides itself on being flexible. If you can't find a programme to meet your exact requirements a course specifically tailored to meet your needs can be developed. To discuss this, contact the centre of your choice. Fees will depend on what time of year you would like to visit and your length of stay but will be more expensive than FSC programmes at peak periods.**

**PROGRAMME PRICES****Prices up to 23<sup>rd</sup> August 2009**

3 day timetable      Band A: £93      Band B: £105      Band C: £113      Band D: £124

**Prices from 24<sup>th</sup> August 2009**

3 day timetable      Band A: £96      Band B: £109      Band C: £116      Band D: £129

<b>Week Beginning</b>	<b>Band</b>	<b>Week Beginning</b>	<b>Band</b>	<b>Week Beginning</b>	<b>Band</b>
January 05 2009	A	July 27 2009	A	February 15 2010	B
January 12 2009	A	August 03 2009	A	February 22 2010	C
January 19 2009	A	August 10 2009	A	March 01 2010	C
January 26 2009	B	August 17 2009	A	March 08 2010	D
February 02 2009	B	August 24 2009	B	March 15 2010	D
February 09 2009	B	August 31 2009	C	March 22 2010	D
February 16 2009	B	September 07 2009	D	March 29 2010	C
February 23 2009	C	September 14 2009	D	April 05 2010	B
March 02 2009	C	September 21 2009	D	April 12 2010	B
March 09 2009	D	September 28 2009	D	April 19 2010	C
March 16 2009	D	October 05 2009	D	April 26 2010	D
March 23 2009	D	October 12 2009	D	May 03 2010	D
March 30 2009	C	October 19 2009	D	May 10 2010	D
April 06 2009	B	October 26 2009	B	May 17 2010	D
April 13 2009	B	November 02 2009	D	May 24 2010	D
April 20 2009	C	November 09 2009	C	May 31 2010	B
April 27 2009	D	November 16 2009	C	June 07 2010	D
May 04 2009	D	November 23 2009	B	June 14 2010	D
May 11 2009	D	November 30 2009	B	June 21 2010	D
May 18 2009	D	December 07 2009	A	June 26 2010	D
May 25 2009	B	December 14 2009	A	July 05 2010	D
June 01 2009	D	December 21 2009	A	July 12 2010	D
June 08 2009	D	December 28 2009	A	July 19 2010	C
June 15 2009	D	January 04 2010	A	July 26 2010	A
June 22 2009	D	January 11 2010	A	August 02 2010	A
June 27 2009	D	January 18 2010	A	August 09 2010	A
July 06 2009	D	January 25 2010	B	August 16 2010	A
July 13 2009	D	February 01 2010	B	August 23 2010	A
July 20 2009	C	February 08 2010	B		

**Included within the programme price:**

- Expert tuition by fully trained staff
- Rigorous and proven health and safety procedures including 24 hour emergency cover
- Access to risk assessments
- Full board (residential visits)
- Specialist equipment and exclusive access to specially developed resources
- Free places for visiting staff
- E-mail support before and after the course (on request)
- Waterproof clothing and footwear

*Please remember personal/travel insurance, travel to the field centre and to fieldwork sites are not included in the programme fee.*