



Must we always teach our children with books?
Let them look at the stars and the mountains above.
Let them look at the waters, the trees and flowers on Earth.
Then they will begin to think,
and to think is the beginning of a real education.

- David Polis

Who are we?

Remember - Educational visits with a Forest Service Guide are FREE



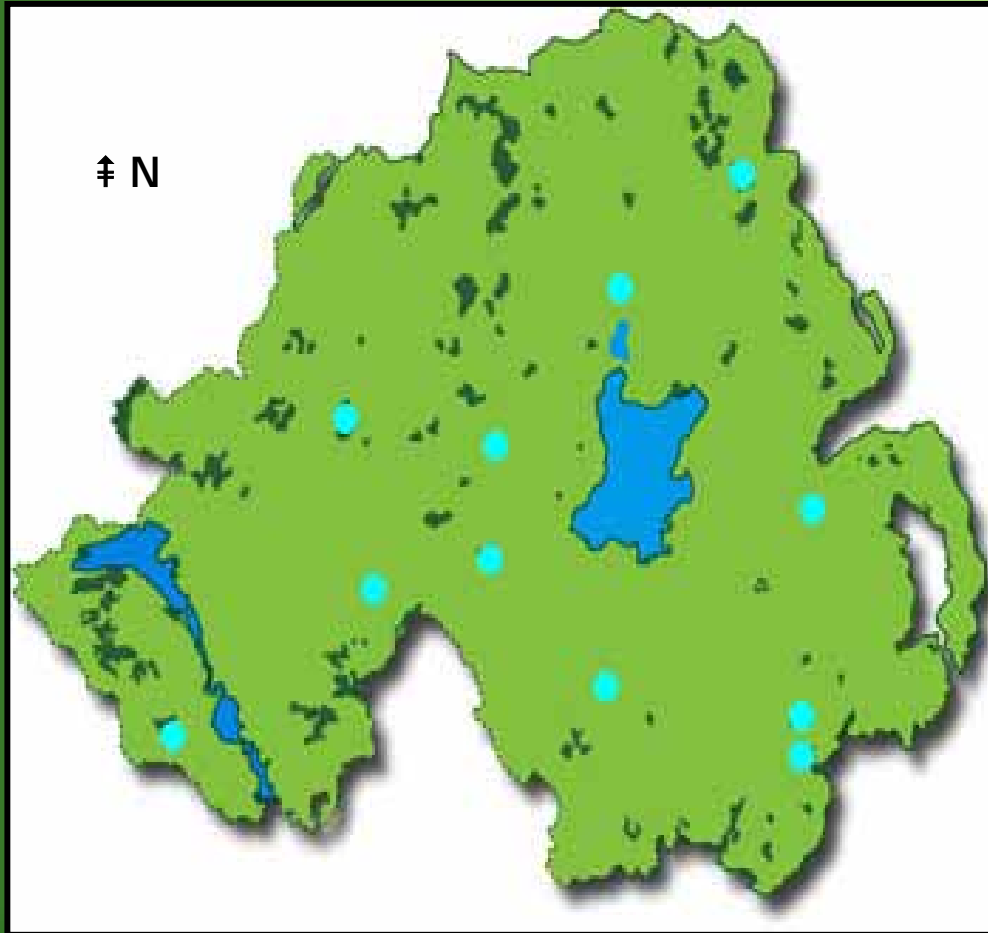
the forest classroom



www.forestserviceni.gov.uk






Where to go?



MAP of NORTHERN IRELAND

LEGEND

-  Forest
-  Guide Centre
-  Lough

Why visit a forest?



- There is a forest within 10 miles of almost every school in Northern Ireland.

.....Why not **book a visit** to one of the 113 forests?

- You will find a variety of habitats and woodland types within the 85,000 ha Forest Service estate.

.....Why not **book a visit** to investigate your local forest?



Conifers at Binevenagh

Bluebells at Gosford



River ford at Florence court

- Many rare and threatened species are found in our forests

.....Why not **book a visit** to find out if any priority species find refuge in your local forest?

- The Forest Service manages the forest for conservation

.....Why not **talk to a forester** to find out what is being done to protect the Northern Irish wildlife?



Red Squirrel



Hen Harrier



Irish Hare



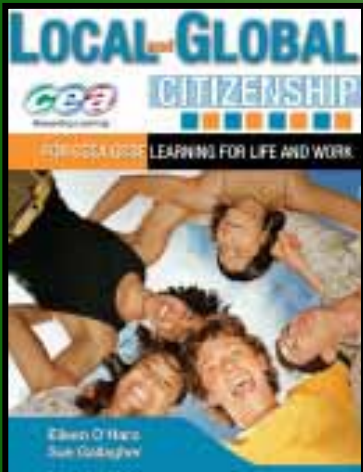
Curlew



- Forest Service Guides deliver several educational programmes specific to meet with Northern Ireland Curriculum (Key Stage 1-4) requirements?




.....Why not **book a visit** to discover the **'World around us'**, adopt the concepts of **Sustainable Development** and develop **PSHE skills**?



Forestry in NI School's Curriculum: Key Stage 1 & 2



| Subject | Aspect / Keywords |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| English | Creative writing – stories, poems, fairy tales, drama involving trees and forests. Mythology. Literature. Personal experience |
| History | Chronology of events - trees as indicators of time , trees in local history & development (industrial revolution, shipbuilding, WW's) |
| Music | Composition - past and present, woodwind instruments |
| Maths | Statistics (tallest, fattest measurements), problem solving – geometrical & spatial problems . Data handling |
| Science | Explore using Senses, recognition and identification of flora and fauna, properties of wood . Living things, biology, local / global habitats, biodiversity , environment protection, wood as a material |
| Design and Technology | Characteristics and quality of wood, products. Wood as a material |
| Geography | Observe, identify, survey, fieldwork - local environment, landscape and land use changes, data handling, settlements. |
| PSHE and Citizenship | Care and conservation of local forests , stewardship, environmental issues, taking responsibility, role in community. |
|  Culture / Language | Evidence from the ancient Celtic civilization of northern Europe suggests an association between trees & writing – old Irish alphabet |

Education Programmes



Mathematics Trail (KS1&2)

Where?

- Castlewellan Peace Maze
- Gortin Glen
- Knockmany
- Florence court

Sustainable Forestry Programme

the Forest



the Classroom



Sustainable Forestry

Key Stage 3/4

OVERVIEW: Programme designed to encourage students to work in small groups to solve problems, question environmental management and design a sustainable forest for the 21st century.

CURRICULUM AREAS: Geography (Themes C Ecosystems and Theme E Economic Activity and Development) Biology, Mathematics, Economics, Numeracy. Literacy and Generic skills: personal, interpersonal, thinking and learning skills.

KEY TERMS: primary industry, ecosystem, nature conservation, local and global issues, sustainability, citizenship, economic awareness, environmental responsibility





National Arboretum

Castlewellan Forest Park

- 18 oldest existing specimens in the British Isles
- 34 'champion' (i.e. oldest, fattest, and tallest of their species) trees of the British Isles and Ireland!

Giant Redwood

(*Sequoiadendron giganteum*)

Native to Sierra Nevada, USA

- ✓ Tallest tree in NI
- ✓ Fattest in Arboretum
- ✓ 146 years old



Trees from
around
the world!





Life Skills



- Personal / Inter-personal development
- Reasoning
- Debating
- Social/Environmental awareness
- Responsibility

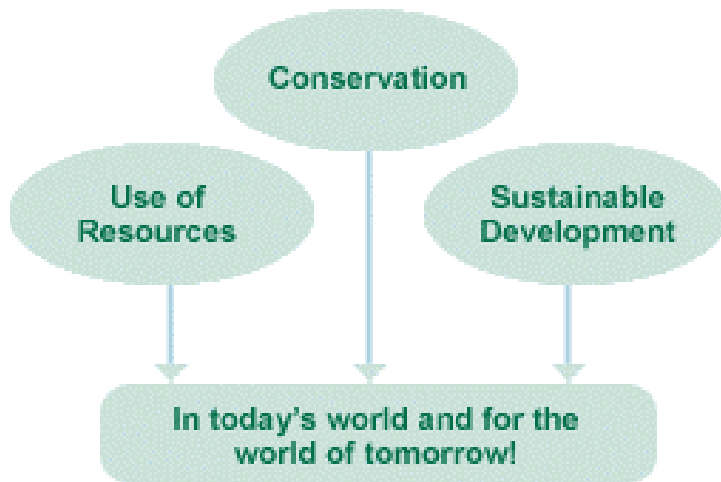


Think Global Act Local



Forests in Northern Ireland

The Issues....



- Use of Resources
 - Timber and non-timber forest products
 - Local versus Global products
- Conservation
 - Native versus Exotic
- Sustainable Development
 - = Economics ~ Environment ~ Social



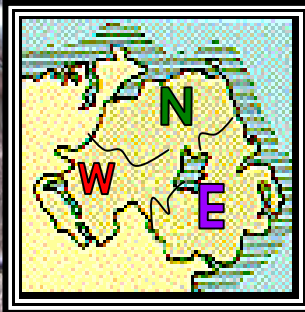
We look forward to welcoming you!



North 028 29556000

East 028 43772252

West 028 66343019



Please feel free to call us at any of the above numbers to book your forest visit!

FOREST EDUCATION BOOKING FORM



www.forestserviceni.gov.uk

1) Details of School or Organisation

Contact Name: Tel. No.

School/Group Name: Fax No.

Address: E-Mail:

First Visit? Yes No

2) Details of Visit

Date of Visit? Forest:

Time of Visit? From Topic:

To

3) Details of Group:

Numbers? Pupils: Adults:

Academic Level? Key Stage 1 2 3 4

GCSE AS / A Level Other

Please State Classes _____

4) Special or Medical Needs / Conditions:

* NB Please state any conditions which could effect the lenth / type of walk or anything which the guide should be made aware of e.g. Asthma, Walking Difficulties.

5) Indoor Lunch Facilities Required (where available)

Yes No

6) Other Relevant Information:

I understand that the required number of teacher/classroom assistants : pupils follow ratios of < 8 years 1 : 6 and 8 - 16 years 1 : 15 (this is not to include Forest Service staff) and I will ensure appropriate outdoor clothing and stout footwear is worn by all members of my group.

Signed: _____

Date: _____

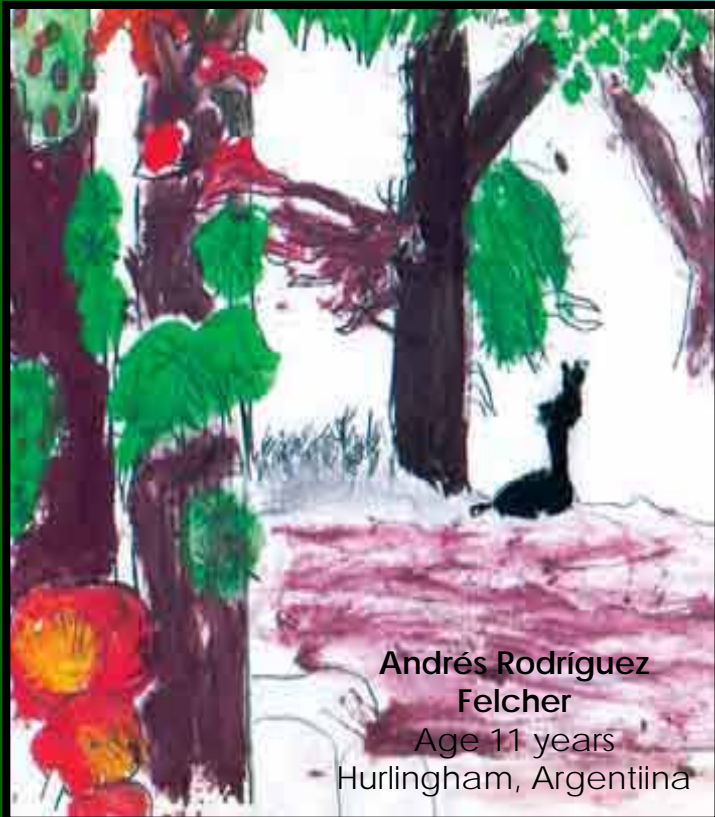
For Office Use Only:

| Confirmation of Booking: | |
|--------------------------|---------------------------|
| Yes | Date <input type="text"/> |
| No | <input type="text"/> |

| No. of guides | | |
|----------------------|----------------------|----------------------|
| 1 | 2 | >3 |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Children's perceptions of the forest

"I love the forest because a lot of wild animals live there"
(Tawinee Tumtanakorn)



Andrés Rodríguez
Felcher
Age 11 years
Hurlingham, Argentina



Tawinee
Tumtanakorn
Age 6 years
Bangkok, Thailand

" For me the forest is a place where you can relax, be calm, because you can listen to the birds sing and you can look at the trees and many animals pass by. In the forest you can feel the pure air and because we're members of this world, we have to take a little care of it"
(Andrés Rodríguez Felcher)