

## **Geography Activities in the Classroom (or as part of outdoor learning)**

### **1. Hold a Class Debate**

A debate is a great way to help pupils become aware of some of the issues surrounding potential land use conflicts. It will also help pupils to see arguments from different points of view and to come to a well-informed conclusion/opinion. This activity can be easily differentiated to suit any age and stage of learner.

The statement to be debated is:

**As many people as possible should be encouraged to visit The Great Trossachs Forest.**

#### **Teacher plan:**

- Introduce the task and split the class into six groups of around five pupils per group (5 min)
- Give one information card to each group, so everyone in the group 'plays' the same role (eg mountain biker or bird watcher). The group works together to collate their arguments, using information provided on the card but also their own ideas. (10 mins)
- Each group puts forward one member who they think will best represent their ideas. The six selected pupils become the panel at the front of the class. The panel needs a chair to mediate and promote discussion - depending on the class this could be you or a pupil. The panel can have name labels, eg 'Kevin, Tourist'. The rest of the class become the audience or 'floor' (3 mins)
- Each panel member has 2 minutes to put forward their view on the statement for debate (12-15mins).
- The chair can then open up the debate to members of the floor to challenge or ask questions of any of the panel members. (15-20 mins)
- To end the debate the chair can ask for a vote, for and against the statement. (5 mins)
- Ask pupils to share what they've learnt during the debate (5 mins)

## Class Debate: Role cards

<p><b>Bird watcher</b></p> <ul style="list-style-type: none"><li>• Loves going to The Great Trossachs Forest to see rare birds like Golden eagles and black grouse.</li><li>• Worries that if more people visit these birds would be disturbed and might not breed so successfully</li><li>• The area already has lots of visitors. Too many people will make it feel less wild and remote.</li></ul>	<p><b>Farmer</b></p> <ul style="list-style-type: none"><li>• Has breeding cattle grazing in the area</li><li>• Worries that if more people come to visit the cattle and calves will be disturbed, especially by dogs.</li><li>• More visitor traffic will cause problems on the windy and narrow country roads</li></ul>
<p><b>Mountain biker</b></p> <ul style="list-style-type: none"><li>• Really enjoys mountain biking along the tracks within The Great Trossachs Forest</li><li>• Wants to visit more often and bring lots of biking friends</li><li>• If many more people come the trails will wear out quicker so will need more maintenance.</li><li>• There might be problems with conflicts between walkers and mountain bikers if it got lots busier</li></ul>	<p><b>Tourist</b></p> <ul style="list-style-type: none"><li>• Wants to visit beautiful places that are easy to access from the Central Belt</li><li>• Thinks it should be as easy as possible for people to visit The Great Trossachs Forest and get away from all the stresses and worries of every day city life</li></ul>
<p><b>Café owner</b></p> <ul style="list-style-type: none"><li>• Wants lots of people to come and visit as it's really good for the local economy. Local people need local jobs otherwise all the young people here will move to the city.</li><li>• Thinks parking might be an issue so larger car parks are needed</li></ul>	<p><b>Environmentalist</b></p> <ul style="list-style-type: none"><li>• If more people come to The Great Trossachs Forest they will appreciate the value of natural environments and the importance of protecting them. It might help them think about other issues too like waste and climate change.</li><li>• There are other areas of Scotland further from the central belt that will remain as wilderness areas and havens for rare species.</li></ul>

## **2. Land Uses of The Great Trossachs Forest**

The illustration on the following page can be used to prompt discussion about the various land uses within the glaciated landscape of The Great Trossachs Forest. You could use the worksheet overleaf or project the high resolution jpeg of the illustration provided within this resource on a smart board and ask pupils to answer the questions in their jotters.

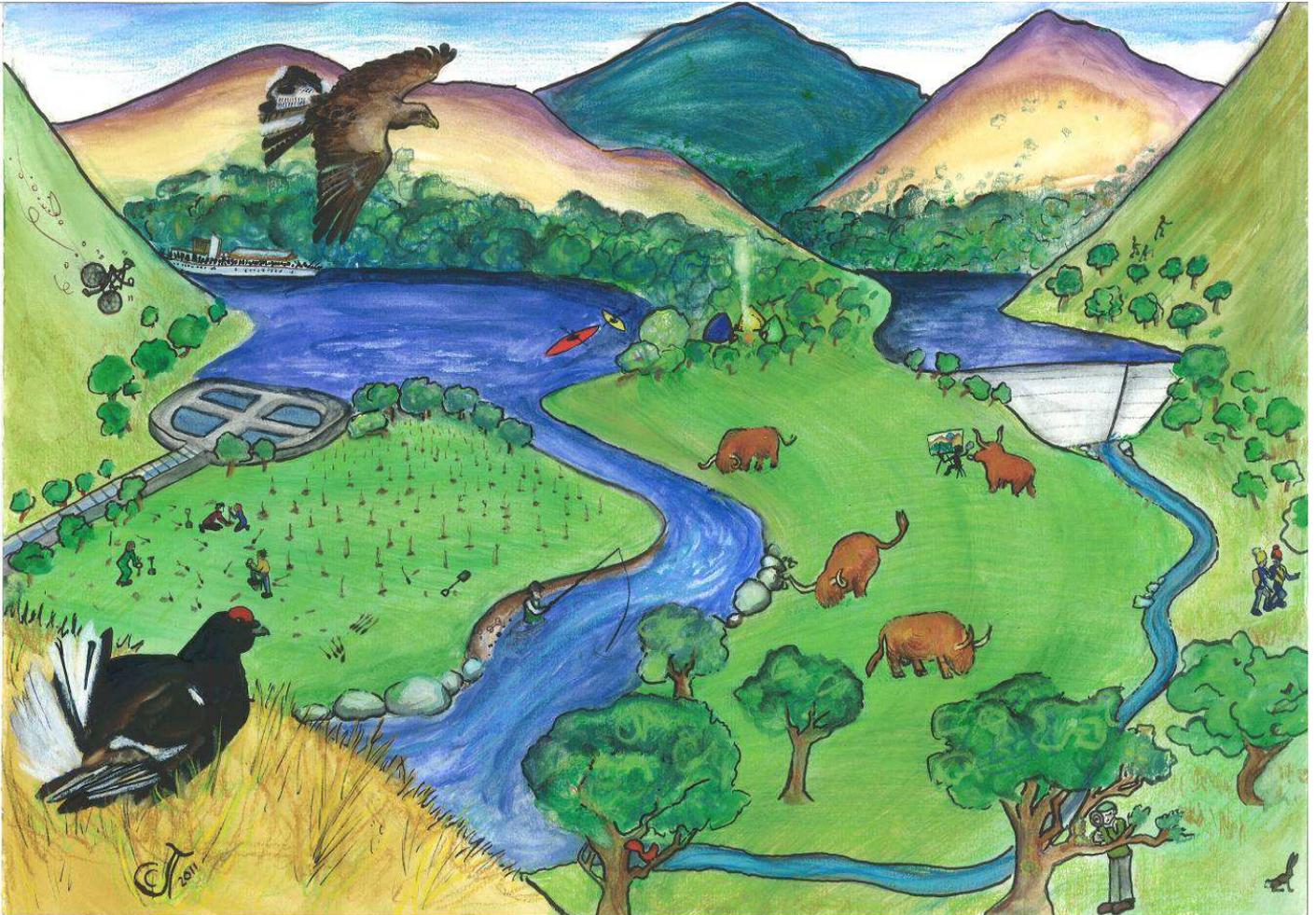
## **3. Find glaciated landscape features on an Ordnance Survey map.**

OS Explorer maps No. 364 and 365 cover the area of TGTF. There is also an OS map of the area included within this resource. Pupils can use the map to locate and name features of a glaciated landscape. They can also record the grid references of the features.

## **4. Analysis of Visitor Data**

The data included in this activity originates from a 2008 survey of 300 visitors to Loch Katrine. This real-life dataset can be used to develop numeracy skills and literacy skills. Pupils can choose some of this data to analyse and then compile a report on 'Who visits Loch Katrine?'

## Land Uses in The Great Trossachs Forest



How many different land uses can you see in this picture? List them in the box below.

Can you think of any conflicts that might come up between the different land users?

## 'Who visits Loch Katrine?'

The data below is from a survey carried out with 300 visitors to Loch Katrine in The Great Trossachs Forest. Pick some of this data to analyse and create a brief report on the kind of visitors that come to Loch Katrine.

All data © Loch Katrine Visitor Survey, Forestry Commission Scotland by Luzmore Consulting 2008

### Age of respondents

Age	Values
16-24	32
25-34	43
35-44	74
45-59	81
60+	70
<b>Grand Total</b>	<b>300</b>

### Length of stay

Visitor Type	Values
Day Tripper	82
Longer Break (5+ nights)	139
Short Break (1-4 Nights)	79
<b>Grand Total</b>	<b>300</b>

### Place of residence of respondent

Origin of respondents	Values
England	109
Scotland	117
Wales	3
Northern Ireland	3
Other Europe	45
Rest of the World	23
<b>Grand Total</b>	<b>300</b>

Other European origin	Values
Channel Islands	1
France	5
Germany	13
Spain	4
Czech Republic	2
Netherlands	16
Italy	2
Belgium	1
Slovakia	1
<b>Grand Total</b>	<b>45</b>

Rest of the World origin	Values
Australia	4
New Zealand	1
USA	2
South Africa	15
India	1
<b>Grand Total</b>	<b>23</b>

#### Ethnic group

Ethnic group	Values
White English	117
White Scottish	102
White Welsh	3
White Northern Irish	3
British Asian Indian	2
British Asian Pakistani	1
British Black Caribbean	1
Other White background	69
Other Asian background	2
<b>Grand Total</b>	<b>300</b>

#### Group Size

Q10 Group size	Values	%
1 to 2	138	46
3 to 7	154	51
8 +	8	3
<b>Grand Total</b>	<b>300</b>	<b>100%</b>

#### Working status

Working status	Values
Full time (30+ hours per week)	192
Full-time education	24
Part time (less than 30 hours per week)	13
Retired	65
Unemployed	3
Other (self employed)	2
Housewife or mother (no paid employment outside home)	1
<b>Grand Total</b>	<b>300</b>

#### Type of accommodation stayed in during the visit

Accommodation	Values
Self-catering	55
Hotel	35
Guest House/Bed and Breakfast	18
Tent/Caravan/Cabin	10
Staying with friends/relatives	5
Youth Hostel/Outdoor Centre	1
Other (n=1=motorhome)	1
<b>Grand Total</b>	<b>125</b>
Respondents choosing not to stay locally in LK/QEFP area	93
Respondents not staying over (day trippers)	82
<b>Grand Total</b>	<b>300</b>

Note: LK/QEFP is Loch Katrine / Queen Elizabeth Forest Park (nearby in the Trossachs)

Method of travel to and around Loch Katrine

Q14. Travel in the Loch Katrine area (Transport used within LK)	Q 13. Travel to the Loch Katrine area	Number
Hired car	Hired car	10
	Plane	4
	Private bus/coach tour	1
Motor home	Motor home	3
Motorbike	Motorbike	3
Private bus/coach tour	Private bus/coach tour	45
Private car	Private car	231
Public bus/coach	Train	1
Other: Taxi	Public bus/coach	1
	Other: Taxi	1
<b>Grand Total</b>		<b>300</b>

Main activity while in the area

Q20 Main activity	Values
Boat trip on Loch Katrine	163
Climbing / Mountaineering	2
Cycling	52
Dog walking	11
General sightseeing	8
Golfing	1
Hillwalking	12
Low level walking (<2 miles)	16
Low level walking (2 miles +)	30
Photography	1
Other	4
<b>Grand Total</b>	<b>300</b>

Things liked most about Loch Katrine area

Reasons respondents mentioned why they liked Loch Katrine	Values
Beautiful Scenery	191
Boat trip	37
Peaceful/Tranquility/Get away from it all	37
Loch and landscape (including references to trees, hills , Munros and wildlife)	76
Accessible	29
Something for everyone	72
<b>Grand Total</b>	<b>442</b>