

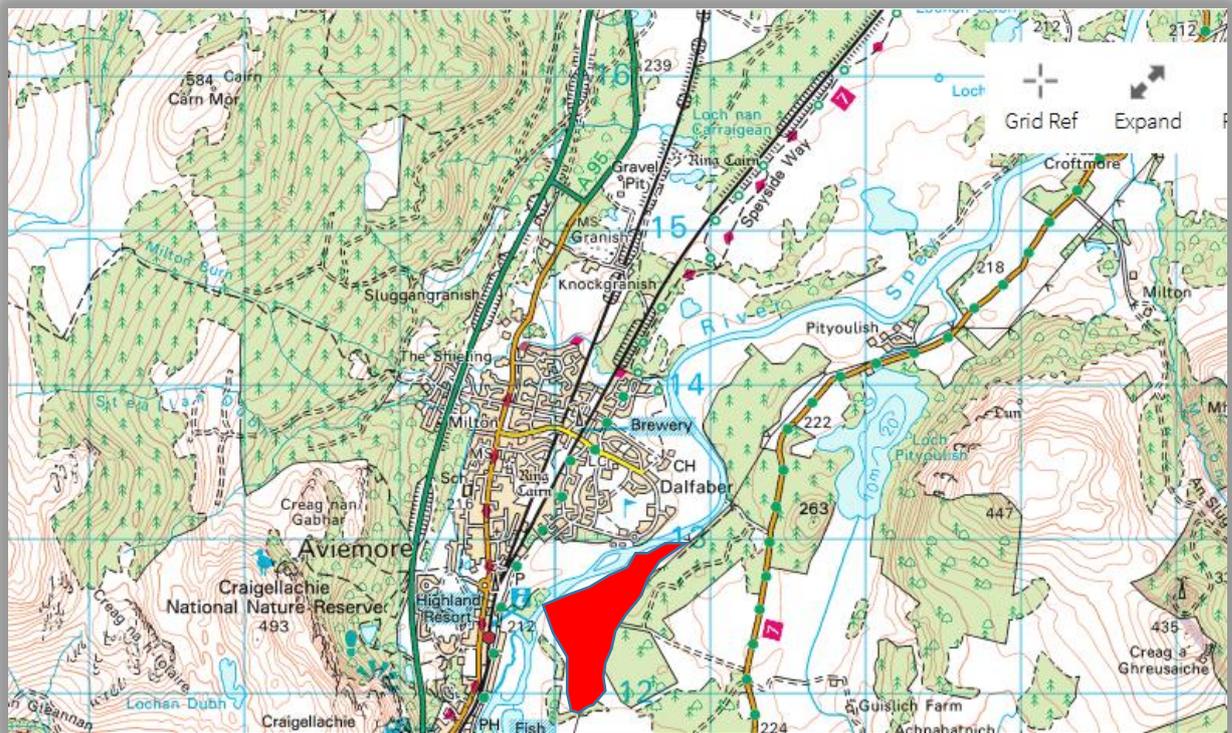
# Cooperative Learning Activity

Together  
Everyone  
Achieves  
More

Below is a map of an area in the Cairngorms National Park that is going to be developed. Three plans have been put forward for developing the site. They are:-

- A FORESTRY PLANTATION
- A QUARRY
- A CAMPING AND CARAVAN SITE

Map 1 - Map of Aviemore and proposed development.



Site of proposed development

[PIC REF] <https://osmaps.ordnancesurvey.co.uk/57.20110,-3.80306,14>

There are many arguments for and against each plan, and the local residents have formed themselves into associations.

**TASK 1:-** Work cooperatively in groups of four. Each person in each group represents a Local Residents' Association or acts as chairperson. Decide which person should be:-

- (a) in favour of the forestry plantation
- (b) in favour of the quarry
- (c) in favour of the camping and caravan site
- (d) chairperson of the association

**TASK 2:-** The three people in favour of the different plans must now study and discuss the advantages and disadvantages of each proposal. Some suggestions are listed below but try to use what you have learned from the BrightRed Level 3 book to add extras. Also, study the map to decide if the developments are actually appropriate for this area on the edge of Aviemore.

The three people in favour of the different plans should each:-

- (a) Write down the arguments for their plan and the arguments against the other plans
- (b) Present their case to the rest of the group.

**TASK 3:-**

- (a) The chairperson listens to everyone's arguments for the different plans and writes down what they think are the most important points.
- (b) The chairperson decides which plan would be best for the local people.

**TASK 4:-**

The chairperson has a good think and then decides which development should go ahead, and which developments should be rejected. Each chairperson will then report to the rest of the class, giving reasons for why they have made this decision.



[PIC REF] <https://pixabay.com/en/architect-foreman-safety-helmet-304782/>

## ARGUMENTS FOR THE FORESTRY PLANTATION

It will provide jobs and there might eventually be a sawmill which will provide even more employment!

It will save the UK money as we won't have to import wood from abroad!

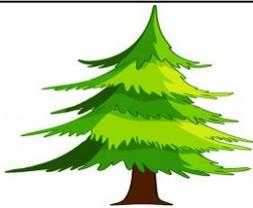
Trees can reduce soil erosion!

Trees can reduce flooding as they can soak up 40% of the moisture dropped in rainfall!

Any other 'for' arguments you can think of?

## ARGUMENTS AGAINST THE FORESTRY PLANTATION

Rows of straight lines of trees on the landscape can be classes as visual pollution!



Trees are planted close together and no wildlife can thrive underneath them!

Noise of chainsaws and logging machines cause noise pollution and disturb wildlife and local people!

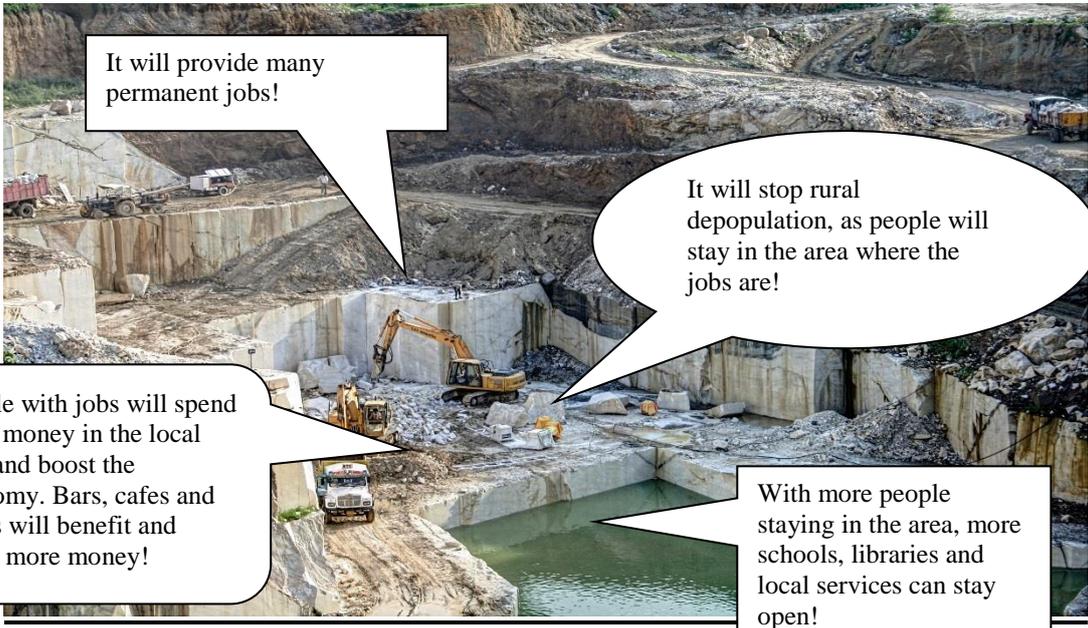
These forests increase the risk of fire in rural areas!

Any other against arguments you can think of?



[PIC REF]  
[https://en.wikipedia.org/wiki/Portal:Forestry#/media/File:Pine\\_forest\\_in\\_Sweden.jpg](https://en.wikipedia.org/wiki/Portal:Forestry#/media/File:Pine_forest_in_Sweden.jpg)

## ARGUMENTS FOR THE QUARRY



It will provide many permanent jobs!

It will stop rural depopulation, as people will stay in the area where the jobs are!

People with jobs will spend more money in the local area and boost the economy. Bars, cafes and shops will benefit and make more money!

With more people staying in the area, more schools, libraries and local services can stay open!

[PIC REF[https://commons.wikimedia.org/wiki/File:Marble\\_quarry,\\_near\\_Jaipur,\\_Rajasthan,\\_India.jpg](https://commons.wikimedia.org/wiki/File:Marble_quarry,_near_Jaipur,_Rajasthan,_India.jpg)]

## ARGUMENTS AGAINST THE QUARRY

It is visual pollution and this might put tourists off coming to the area!

The noise and dust may upset local people, tourists and farmers!

The noise from explosives when blasting will create noise pollution, which will disturb locals and wildlife. It could also be dangerous!

Heavy lorries on the road will cause congestion. The vibrations from them will damage local buildings. There could be air pollution from their exhausts!

Any other arguments against the quarry you can think of?

**732 LORRIES PER WEEK! OBJECT TO QUARRY!**

## ARGUMENTS FOR THE CARAVAN AND CAMPING SITE

It will provide more jobs in the summertime!

It will attract more tourists who will spend more money in the area boosting the local economy!

It will provide affordable accommodation for people close to Aviemore!

The land is flat and suitable for camping!

Any other points for you can think of?

[PIC REF] <https://pixabay.com/en/camping-tent-vacancy-1293100/>

## ARGUMENTS AGAINST THE CARAVAN AND CAMPING SITE

Large numbers of tourists and their cars cause noise pollution, air pollution and congestion on roads. They can also cause erosion of grass verges when they park at the side of roads!

Tourists leave litter which wildlife eat and can choke on!

Tourists cause erosion on hillsides, river and loch banks and mountain bikes churn up paths!

This location is dangerous as it is on a floodplain!

On busy weekends there may be drunkenness, fights, vandalism caused by tourists in Aviemore!

Any other points against you can think of?

Tourists may walk over neighbouring farmland scaring livestock, trampling crops, leaving gates open so animals escape onto busy roads, damage dry stone walls by clambering over them etc...!

Now that you have completed your cooperative learning activity, send each member of your group a love letter.



Love Letter

Dear

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I have really enjoyed working with you today because

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I look forward to working with you again!

From,