

High Country hi-tech Video Questions

Thursday 14 May

1. Using GIS and sharing data

Meet Jana Kaeppler from the Mackenzie District Council and find out about the GIS she has created.

1. What is the name of the GIS used by this council and what can it show?
2. Why is a GIS useful for councils?
3. What is the future of GIS?

Next step learning: Take a look at your own local council website and see what you can find out about from the maps they have online.

2. Location technology for recreation

Enjoy the views across Lake Pukaki near Twizel and find out about the technology that can be used for recreation in the high country.

1. How can GPS be used in the high country?
2. What is an avalanche transceiver and how does it work?
3. How does an emergency locator beacon work?

Next step learning: How do you think technology has changed recreation in the high country?

3. What is Agrimap

Drive down to Kurow to a sheep and beef farm to find out more about how technology is being used.

1. What is Agrimap?
2. What does a farmer do to set up Agrimap for their farm?
3. How can Agrimap be used?

Next step learning: What other forms of technology do you think would be useful to farmers? Think of some examples and how they might be created.

4. Using Agrimap

Go out and help Paul to complete a task assigned through Agrimap.

1. What task was Paul asked to do?
2. How did GPS help with this task?
3. Why was Agrimap developed?

Next step learning: Find out about other technologies used by farmers in the high country.



5. Field trip summary

Take some time at the end of the High Country hi-tech field trip to think about all you have learned.

1. What was your favourite part of the field trip and why?
2. What would you like to find out more about and how will you go about this?
3. Help your teacher to complete the [online evaluation](#) for this field trip.