

# FIELD TRIP NUMBER CHALLENGE

*Aim: Students will be able to apply number strategies and number knowledge to a range of problems related to their LEARNZ virtual field trip.*

Take a look at where your field trip is on the LEARNZ map

<http://www.learnz.org.nz/learnz-map.php>.

You are about to travel to \_\_\_\_\_.

To get from your school to the field trip location you must choose to either fly or drive. (Circle your choice).

Explain your choice \_\_\_\_\_

Now using google maps <http://maps.google.co.nz/> (click on get directions), find out the distance from your school to the location of the field trip. (Round this distance to the nearest kilometre). The distance is \_\_\_\_\_ km.

If it costs about 20 cents per kilometre to drive to your destination or about 50 cents per kilometre to fly, how much will it cost you to travel to the field trip location? Show your working in this box:

You will be staying at the field trip site for three nights (Tuesday to Thursday) and travelling home on Friday. Choose where you will be staying from this list:

Camping \$8 per night

Backpackers \$25 per night

Standard Motel \$90 per night

Luxury Hotel \$200 per night

If the field trip is in your hometown you can include the cost of \$5 per night to help with your family's house bills.

How much will it cost you for the three nights? Show your working in this box:

You will need to buy food. If you stay at the luxury hotel they will provide breakfast. Otherwise you will need to buy it.

Food costs are:

Breakfast \$7 per day

Lunch \$15 per day

Dinner \$25 per day

How much will it cost you for breakfast for 3 days?

How much will it cost you for lunch for 4 days?

How much will it cost you for dinner for 4 days?

How much will it cost for food for the whole field trip?

If you have a budget of \$2,000 for the field trip to pay for transport, accommodation and food, how much money will you have left for spending?

Show your working in the box:

My spending money is \$\_\_\_\_\_.

How many \$10 notes would you be given as spending money and what would be left over? \_\_\_\_\_.

How many \$100 notes would you be given as spending money, and what would be left over?\_\_\_\_\_.

**Well Done for trying the Field Trip Number Challenge!**