LV50 learning

Created with the support of:

All activities and resources have been designed to compliment primary curriculum objectives.

Activity: Understanding the Crew's Quarters (Imperial and Metric Measures)

UKS2 Maths

N.C. Objective

- convert between different units of metric measure (for example, kilometre and metre, centimetre and metre, centimetre and millimetre, gram and kilogram, litre and millilitre

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Activity One

Think about life aboard the LV50. In the video (Understanding the crew's quarters) it says that all six men would eat together in the evening around a central table with only a coal range to heat their food.

Metric (New)	Imperial (Old)
1 kilogram	2.2 pounds
4.5 litres	1 gallon

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Look at the following recipe that would have typically been eaten aboard the LV50. Can you convert the amounts from imperial to metric?

Hard Tack Biscuits

- 10 lbs flour
- ½ a gallon of water
- 1 lbs salt

Imperial	Metric
10lbs flour	
1/2 gallon of water	
1 lbs salt	

The above recipe makes **28** hard tack biscuits.

If the men need to eat **5** of these per day, how many will each man eat in one week?

1 week - _____ x _____ = _____

How many will one man eat in 8 weeks?

8 weeks - _____ x _____ = _____

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Write out the new amounts for the recipe for all of the hard tack biscuits for the entire trip for the LV50 crew:

Flour	_____ lbs.
Water	_____ gallons.
Salt	_____ lbs.

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Activity Two

The average person needs **2.5.gallons** of water to drink in one week. How much water would one sailor have needed for the trip?

_____ x _____ = _____ gallons

Converted to metric:

_____ x _____ = _____litres

How many gallons of water would all **6** sailors have needed for the **8** week trip?

_____ x _____ = _____ gallons

Converted to metric:

_____ x _____ = _____litres