

# Guess the amount

## OBJECTIVES

To complete the 'guess the amount' table appropriately, showing realistic amounts.

To foster an awareness of the amount of water needed for everyday activities.

## TEACHING ACTIVITIES

To introduce the above activity to the class by showing the children a range of containers (e.g. one litre, two litre, etc.) and, if possible, use these to fill a ten litre bucket. (Children need to appreciate ten litres as an amount). In class discussion, using the measures available, relate to household uses in terms of the amount of water required.

Ask the children to estimate, by colouring in, the number of ten litre buckets they think might be needed to carry out each of these activities.

Discuss answers with class/group etc. Teacher to disclose the answers and compare pupil estimated average amounts with actual average amounts.

## SUGGESTIONS FOR EXTENSION

Research the use of water in industry.

## POSSIBLE LINKS

Link with local industry e.g. visit to examine use of water in manufacturing process.

## KEY VOCABULARY

Estimate, approximate, litre, industry, agriculture, domestic.

**ANSWERS FOR TEACHERS!!**

Average amounts (10 litre bucket):

Taking a bath (8 buckets)

Shower (3 buckets)

Toilet (0.9 buckets)

Washing face/hands (0.9 buckets)

Drinking and cooking (1 bucket)

Brushing teeth (1 bucket — 1 minute continuous flow)

Dishwasher (5 buckets)

Washing machine (10 buckets)

Watering the garden for half an hour with a hose (30 buckets)

Making one newspaper (1 bucket)

Making a drinks can (30 buckets)

Woollen jumper (10 buckets)

Farmer watering animals (24 buckets)

Making a bicycle (13 buckets)

Washing the car with a hose (7.5 buckets)

# Guess the amount

Colour in the number of buckets you think would be needed to do these activities:

\_\_\_\_\_

Taking a bath

\_\_\_\_\_

Running a washing machine

\_\_\_\_\_

Taking a shower

\_\_\_\_\_

Washing the car for 15 minutes (with a hose)

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Watering the garden for half an hour (with a hose)

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Making a bicycle

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Flushing the toilet

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Washing face and hands

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Drinking and cooking

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Making one newspaper

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Brushing teeth

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Making one fizzy drinks can

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Running a dishwasher

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Farmer giving one cow a drink and a wash

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Making a woollen jumper

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