

**E-book Code:
REAU0014**



Book 1 - Ages 5/6

Measurement in Mathematics Series

Practical measuring activities for the
classroom.

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Originally published as Measurement in Mathematics - Book 1 (1998)

© Ready-Ed Publications - 2001

Published by Ready-Ed Publications, P.O. Box276, Greenwood ,WA, 6024

Email: info@readyed.com.au Website: www.readyed.com.au

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ISBN 1 86397 178 5

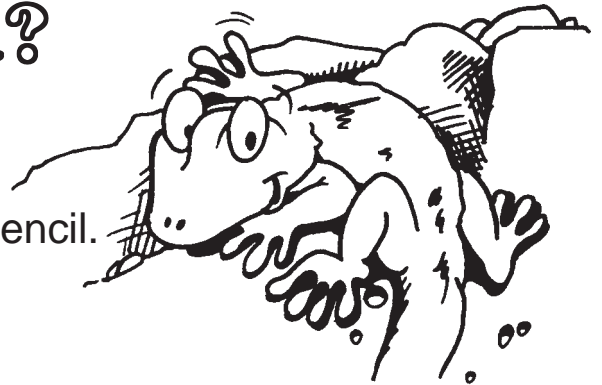
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How Long is Larry the Lizard?

You will need:

Some bottle tops, some counters and a pencil.



Here's what to do:

Find out how many bottle tops it takes to measure Larry, starting at his head. Use the picture on the next page.

1. What is your guess?

Larry is bottle tops long.

2. Now try measuring Larry with counters. What is your guess?

It takes counters to measure Larry.

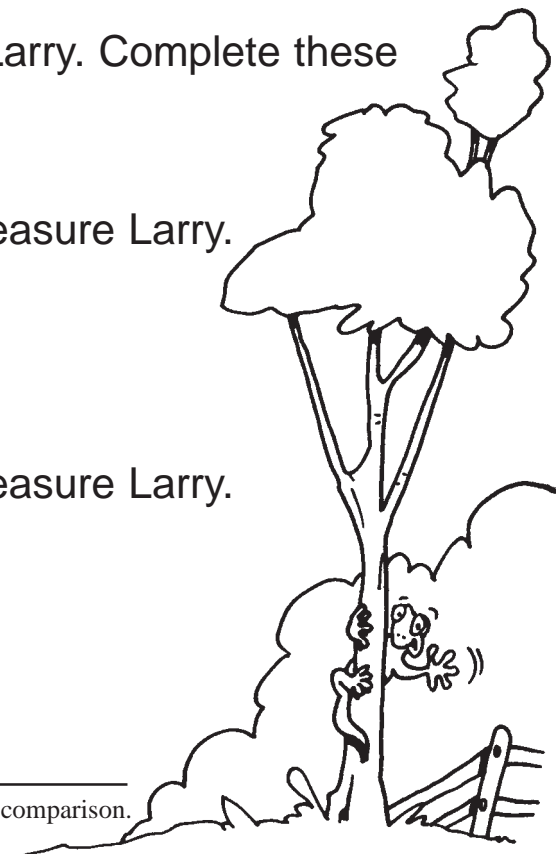
Choose two other objects and measure Larry. Complete these sentences.

3. I used to measure Larry.

I needed

4. I used to measure Larry.

I needed



*Measurement: Length: Carry out activities requiring indirect arbitrary comparison.

Clowning Around

How big is Ziggy the Clown?

You will need:

Linking cubes, counters, blocks, rods.

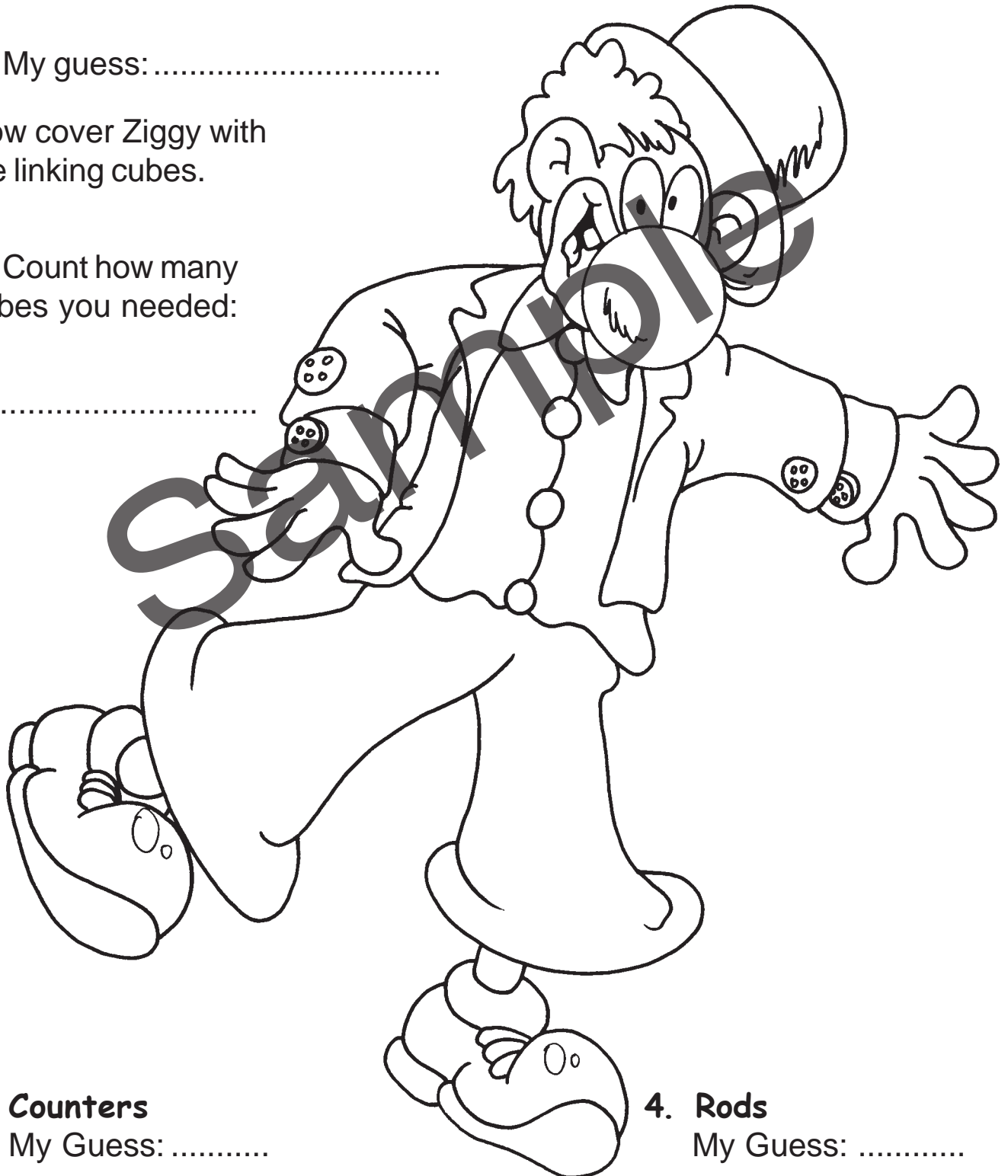
Here's what to do:

Guess how many linking cubes you will need to cover Ziggy.

1. My guess:

Now cover Ziggy with the linking cubes.

2. Count how many cubes you needed:
.....



3. Counters

My Guess:

4. Rods

My Guess:

Plasticine Puzzles

You will need:

A ball of Plasticine, board, pencil.

Sammy Seal loves eating fish. Use the whole ball of Plasticine to make a fish for Sammy.

1. Draw your fish:



Change your fish into an eel.

2. Draw your eel here:



Change your eel into a shark.

3. Draw your shark here:



Change your shark into a seal.

4. Draw your seal here:



5. Were all your sea shapes the same size?

*Measurement: Volume and Capacity: Carry out directed activity such as moulding, shaping, kneading using Plasticine.

Balancing Bertie

Mass 1

Balancing Bertie is sorting through his things. Can you help him work out which is the heaviest and which is the lightest?

You will need:

balance scales
pencil case
a rock
building blocks

feather
a cork
a stick
beanbag



Here's what to do:

Hold Bertie's objects in your hand. Find the lightest object. Use the scales to make sure you are right.

Now place the objects in order:

Lightest:

.....
.....
.....
.....

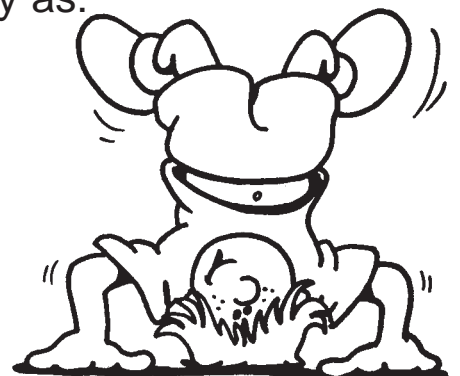
Heaviest:



Bertie's Challenge:

Find something in the classroom that is as heavy as:

1. Your shoe
2. Your lunchbox



*Measurement: Mass: Carry out directed activities such as lifting and hefting.

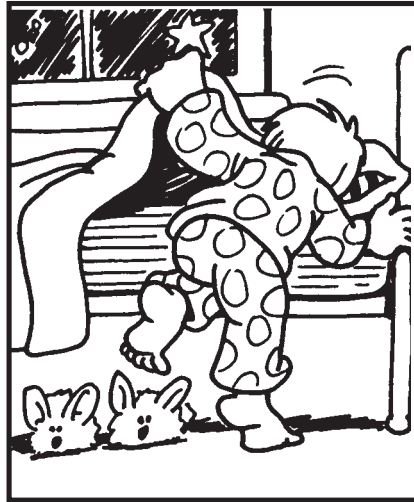
My Day

Time 1

Colour the pictures, then cut them out and glue them onto a piece of card in the right order.



Leaving school



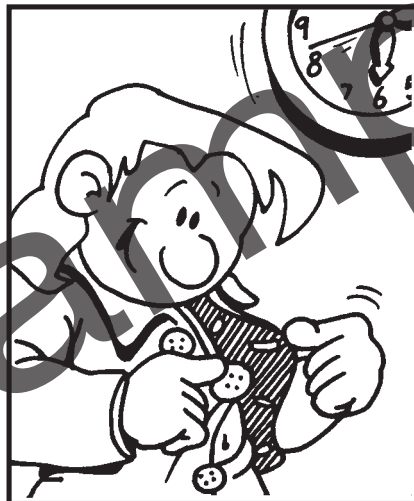
Going to bed



Playing in the garden



Getting out of bed



Getting dressed



Walking to school



Playing basketball



Eating breakfast



Going to a restaurant

*Measurement: Time: Sequence of events.