

Lesson 1

What Are Things Made Of?

Slide 2

A beach is made of lots of little

_____ .

Slide 4

Sand grains are the basic

_____ of a beach.

Slide 8

The basic building blocks of a Lego toy are _____ .

The basic building blocks of a forest are _____ .

The basic building blocks of a _____ are _____ .

The basic building blocks of a _____ are _____ .

Slide 10:

Does he REALLY have a big mouth? _____

Can you explain what's going on?

Slide 12:

The image is _____ than the object.

Slide 15:

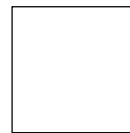
Droplet magnifier:

How did the print look through the magnifier, compared to the print without the magnifier? _____

Do you think the magnifier has *actually* made the print bigger?



Drawing of letter
before magnifier



Drawing of letter
after magnifier

Slide 17:

What do you think 30x and 100x mean?

Slide 20:

30x magnifier:

My finger looks _____ through the magnifier.

Does the magnifier actually make my finger bigger? _____

Explain: _____

Draw the image of the boy's face through the magnifier below. Describe how it looks.

Slide 21:

100x microscope:

Compare the image using the 30x magnifier to the image using the 100x microscope.

Which is more powerful? The 30x magnifier or the 100x microscope?
