

# From Head To Toe

## Vocabulary

<b>Compare</b>	to examine in order to note the similarities or differences.
<b>Contrast</b>	to show differences when compared.
<b>Habitat</b>	the environment where an animal normally lives.
<b>Locomotion</b>	the ability to move from place to place.
<b>Measurement</b>	an amount, extent, or size determined by measuring.
<b>Predict</b>	to say in advance; to foretell.
<b>Zoology</b>	the science of studying animals.

## Activity: Small Snails, Enormous Elephants

## From Head To Toe

This activity introduces children to the real size of animals using nonstandard measurement. While *From Head to Toe* focuses on movement and literacy skills, this activity can act as a fun math connection.

### Materials

- Yarn
- Small images of animals
- Laminator
- Laminating paper
- Tape
- Unifix cubes

### Preparation

1. Obtain images of animals either through photocopying from a book or printed from an online source. Cut out the image of the animal and laminate it if possible. It does not matter if the pictures vary in size, but it is important to have a variety of animals, from the very small (like a snail) to the very large (like an elephant). Also, make sure to determine each animal's true length.
2. Once you have your animal pictures ready, measure what lengths of yarn will go with which animals. Your smallest animal will have the shortest length of yarn (an inch or smaller, for example, if you have a common land snail) while your largest animal should have the longest length of yarn (13 feet or more, for example, if you have a savannah elephant).
3. Staple or tape the specific yarn lengths to the corresponding animal picture.

### Procedure

1. Talk about or read about different sizes of animals, introducing different size vocabulary words.
2. Introduce nonstandard measuring using Unifix cubes, including concepts like starting at the base of an object that you want to measure.
3. Introduce animal measuring using the yarn lengths. Model one example or complete one as a group.
4. Allow students to explore measuring animals.

### Extension Activity

Create a bar graph to see how many Unifix cubes each animal is in length. As you learn about new animals or as animals come up in story time, you can add them to your pool of animal pictures, measure them and then add them to the class graph.

### Alignment with State Goals

#### Language Arts Goal 4

Listen effectively in formal and informal situations

#### Language Arts

##### Goal 5.A.K

Seeks answers to questions through active exploration

#### Mathematics

##### Goal 6.C.Ka

Estimate the number of objects in a set

#### Mathematics

##### Goal 6.C.Kb

Connect numbers to quantities they represent using physical models and representations

#### Mathematics

##### Goal 7.A.Ka

Demonstrate a beginning understanding of measurement using non-standard units

## Activity: How I Like to Move My Body

This activity will encourage children to recall some of the movements they used in the workshop through art and writing.

### Materials

- “How I Like to Move My Body” sheet
- Drawing/writing materials

### Procedure

1. Using the attached “How I Like to Move My Body” sheet, ask students to draw themselves moving in a way they really enjoyed during the workshop.
2. When they are done drawing, ask them to describe the picture in the lines below.

## From Head To Toe

### Alignment with State Goals

#### Physical Development and Health State

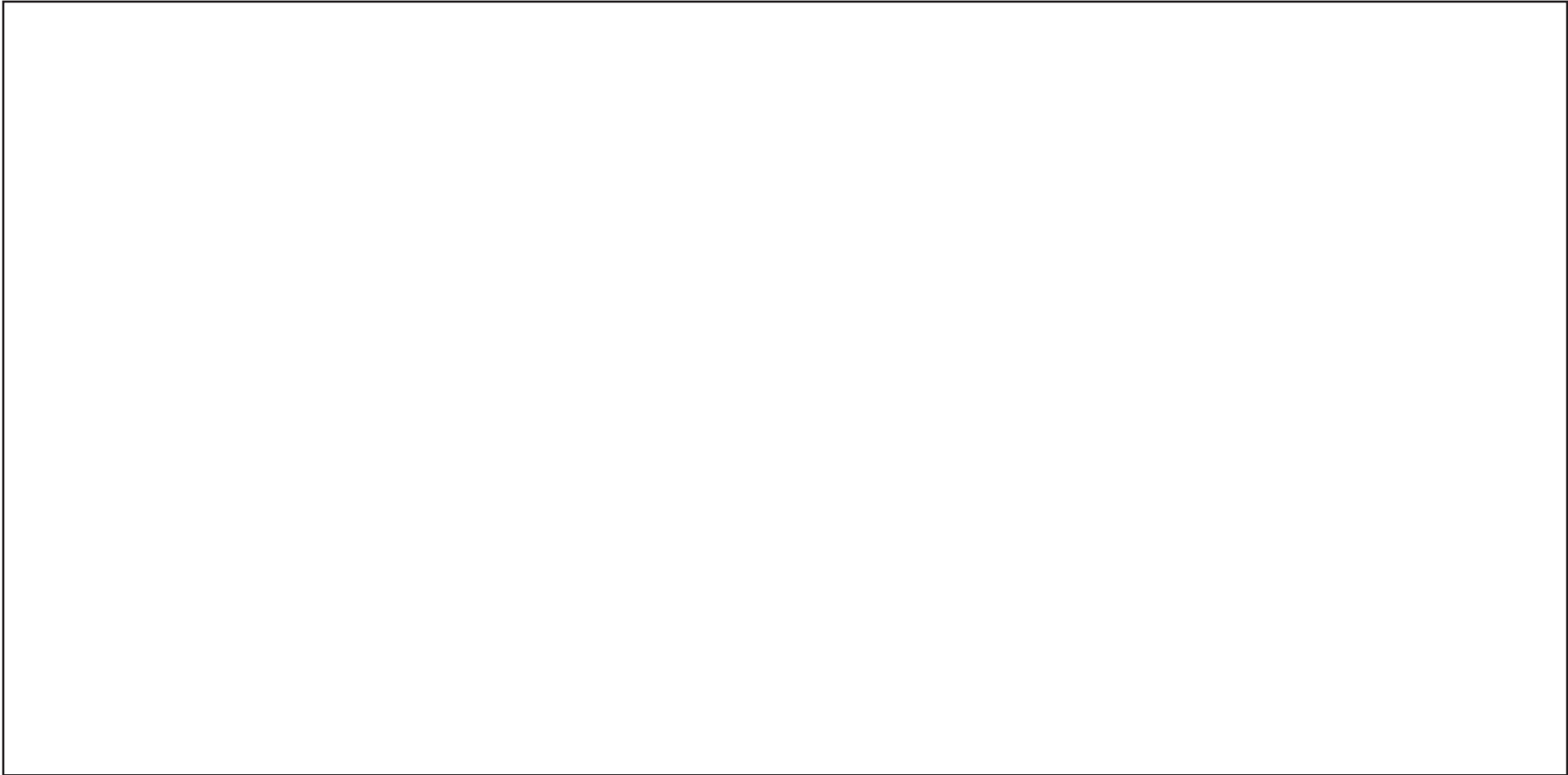
##### Goal 19 B

Analyze various movement concepts and applications

#### Language Arts Goal 4

Listen effectively in formal and informal situations

**How I Like to Move My Body** \_\_\_\_\_



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