



Size Me Up!

Preschool/Kindergarten Learning Plan—(45 minutes)

SHEET #1 (Front)

Overview:

1. Explore size classifications (small, medium, and large)
2. Learn about the word **estimate**
 - a. Estimate — thinking about what the answer might be
3. Estimate and then measure real-world items
4. Learn about art **texture**
 - a. Texture — tactile quality of a surface, what a surface appears to feel like
5. Discover the art of **printmaking** and observe **prints**
 - a. Printmaking — making artworks by printing
 - b. Prints — are created from a single original surface
6. Observe size and texture in Katsushika Hokusai's prints
7. Create an art project using measurement and texture

Supplies From Kit: (organized by learning plan section)

Engage	Explore	Explain	Elaborate	Extend
n/a	Book: <u>Goldilocks and the Three Bears</u>	3 Chairs	Fuzzy Stick Pals	<i>The Great Wave at Kanagawa</i> by Katsushika Hokusai
		3 Bowls		<i>Mount Fuji</i> by Katsushika Hokusai
		3 Size Signs		<i>Artisans Making a Woodcut</i> by Utagawa Kunisada
		Rulers		P/K Art Project Sample
				Assorted Items to Stamp

Supplies Provided by Consumer: (organized by learning plan section)

Engage	Explore	Explain	Elaborate	Extend
n/a	n/a	n/a	Chalk Board, White Board, Flip Chart (Optional)	Glue/Paste
			Writing Utensil for above (Optional)	Yarn
				Paint or Ink
				Paint or Ink Trays

Preparation: Put paint or ink on trays. (Used in the Extend section.)



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SHEET #2 (Front)

Engage: What Do You Know? (3 minutes)

Gather the participants together. Use these questions to have a discussion about size and measurement. If the participants have no prior knowledge, move on.

Do you see things of different sizes around you?

How do you compare them? Which is biggest? Smallest?

Have you measured something? How do you measure something?

What does the word “texture” mean to you?

Explore: Story Time (7 minutes)

Read book Goldilocks and the Three Bears. Encourage participants to listen for size words. Note: Reading this book in the exhibit is possible, depending on group size.

Explain: Size & Texture (10 minutes)

- 1) Discuss the size descriptive words in the book. Using the 3 chairs and 3 bowls, discuss sizes. Make like piles based on size using the Size Signs. Then look for, and discuss, real-world examples of sizes around you. Add real-world examples to the previous piles.
- 2) Have the participants think of their smallest and largest body parts. Explain how to use a ruler to measure. Then pass out rulers and have the participants measure their body parts.
- 3) Explain texture. Look for texture in the book’s illustrations. Then look for texture in the exhibit. What things look, or are bumpy? Smooth?

Elaborate: Measuring Size (10 minutes)

- 1) Using 2 Fuzzy-Stick People, model how to estimate and then measure an item. Lay the Fuzzy-Stick People end to end and count how many Fuzzy-Stick People long the item measures.
- 2) Before distributing the 2 Fuzzy-Stick People, ask them about the texture of them. Then have them estimate and then measure items. Have them look for, and measure, small, medium, and large items, and make sorted piles, if possible. (Optional: Create a chart with the item’s name and how many Fuzzy-Stick People long it measures.)



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SHEET #2 (Back)

Extend: Art (15 minutes)

- 1) Gather participants together. Show sample and picture of Katsushika Hokusai's prints. Share brief life history and art genre. Have participants point out:
 - a. Sizes *Which is bigger, the wave or boat? Which appears bigger the wave or mountain in the background? Which is probably bigger?*
 - b. Textures
 - c. Optional: Review Color Hues, Color Values, Lines
- 2) Explain printmaking, discussing the different steps shown in *Artisans Making a Woodcut* by Utagawa Kunisada. Highlight that none of these are paintings; they are all prints, made from one single woodblock.
- 3) Measure a piece of yarn as tall as you. Use it to demonstrate how many waves or mountains tall you are. Then help participants measure a piece of yarn as tall as they are. Have them estimate and then measure using the yarn how many mountains or waves tall they are.
- 4) Have the participants glue the string down in a design on a piece of paper. Then have them stamp items, using paint or ink, on their artwork to add texture.
- 5) Have the participants discuss the texture in their artwork with partners, or the group. Repeat with size, if time permits.

Sources:

MathArt Projects and Activities by Cecilia Dinio-Durkin