Standard Connection: ELA.L.PK4.6 ELA.SL.PK4.1a M.G.PK4.1 M.G.PK4.2 SS.FC.PK4.6 PD.FM.PK4.5 PD.SHS.PK4.1

Enduring Understanding(s):

• Friends usually share and help one another.

Essential Question(s):

• How can you find the resources, strategies, and people to solve your problems?

Materials	Vocabulary		Books
 The Little Red Hen (Makes a Pizza) sponges or cloths of various sizes pots and pans dishes liquid soap gloves small towels smocks 	wash: to clean with so dry: not wet bubbles: hollow ball/sphere of soapy liquid that floats in the air sponge: used to clean things liquid: a substance that can flow and be poured	pour: to flow rapidly scrub: to remove dirt by rubbing hard suds: soapy water lather: to make foamy	Philemon STURGES AMY WALROD

Intro to Centers			
Preparation: Set up materials.			
"In <i>The Little Red Hen (Makes a Pizza)</i> , the hen's friends offered to wash the dishes after they ate the pizza she made. How was that helpful to the hen?"	Show illustration. Children respond.		
"Usually, you wash dishes at the sink, but today you can wash dishes in the Science Center with these materials."	Show materials.		
"I have poured liquid soap into the water. I made bubbles by swishing the water like this. If you wanted to create a lather - sudsy , soapy water - what could you do?"	Model adding soap to the water and swishing. Children respond.		
"There are sponges (or cloths) of different sizes. You can also wear gloves like the duck did in The Little Red Hen (Makes a Pizza). Why do you think she wore gloves?"	Children respond.		
"If your dishes are very <i>dirty</i> , you have to <i>scrub</i> - rub them really hard - to get them <i>clean</i> ."	Model "scrub."		
"There are also towels to <i>dry</i> the dishes after you have <i>washed</i> them. You can pretend to be a character in The <i>Little Red Hen (Makes a Pizza)</i> and <i>wash</i> and <i>dry</i> the dishes together."	Show illustration.		



During Centers:

Discuss how the water and soap feel. Compare and contrast how children wash dishes with how the characters washed dishes in *The Little Red Hen (Makes a Pizza)*. Relate how the animal friends helping each other is similar to how children help each other in the classroom. Compare and contrast dish sizes and how they stack to building a tower in Blocks (larger blocks at the base makes a more stable structure).

Guiding Questions During Centers:

- Why do you think the hen's friends offered to wash the dishes?
- How do you think the hen felt about their help? Why?
- How do you help your family or friends?
- How did you create a lather?
- What did you do first, second, and third to wash the dishes?
- How did you decide who would wash and who would dry the dishes?

Thinking and Feedback:

Invite children to share their processes. Encourage children to describe the challenges they might have encountered.

Documentation:

Collect photographs and/or video of the children's processes; you might use the video to launch a discussion during Thinking and Feedback about their processes and challenges they encountered. Use this documentation to determine children's understanding of ordinal numbers (first, second, third) and sequencing. This can also be used as a demonstration of the Enduring Understandings.

Provocation:

Invite children to wash classroom tables with soap and water or to wash the paint brushes and paint cups. Invite children to brainstorm other ways to help their friends in the classroom. Invite children to explore bubble-making further by using bubble wands made of wire, pipe cleaners, and/or string. Invite families to allow children to wash and dry dishes at home.

Differentiation/Accommodation:

For Intro to Centers, children with limited verbal skills can use a pre-programmed voice output device to answer questions about the story. (Keep in mind these will likely be closed-ended questions, as those are easiest to program into devices.) This can also be used to help students answer Guiding Questions. Picture cards can help students remember the steps to washing dishes. During Centers, provide an area for drying dishes so that students who are sensitive to getting their hands sudsy or wet for an extended period of time can participate.

