

Numeracy Gr 3 January 25

Activity 1: One Grain of Rice

Materials Needed:

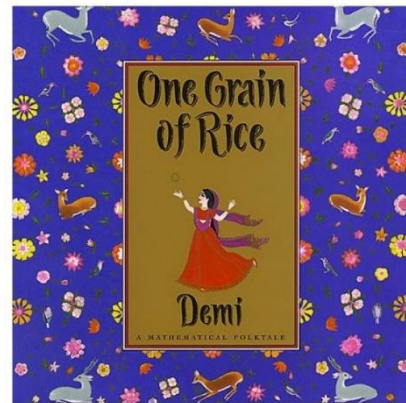
- The book One Grain of Rice by Demi, or listen to this video [here](#), pencil and paper; rice.

Task Instructions:

Read the book One Grain of Rice or watch with your child. Pause to discuss important elements of the story (this story is good because it connects math to literacy and social justice). Make sure to explain some words that might be new to them, like famine. Pause when Rani first makes her suggestion about one grain of rice. Ask your child what they think...do they have a prediction about how this will go?

Read through the book a second time and get your child to make and fill in a chart about the grains of rice. It will be good practice counting for them if they use actual grains of rice to do it.

Days	Grains of Rice
1	2
2	4
3	8
4	
5	
6	



As you get above 8, the numbers start to get much bigger, beyond the place values your child is used to. Have them extend the table as far as they are comfortable.

During this part of the story, you can emphasize the descriptions—enough for a bowl, enough for 2 bags....etc. We don't expect the students at this age to be able to add into the 1000's yet (but of course, if they are interested, they can—you can even show them using a calculator).

Ask your child to explain the rule for how Rani got so much rice! How is the amount of rice each day figured out?

Parent Tips:

Stories are a great way to increase student interest in math. Remember that in our lessons earlier in the year, there were many fluency exercises—don't forget to go back and look at them to practice adding and subtracting if necessary!