

K-Gr 1 Science Activity

What is a Scientist?

Read or Listen:

Read

Obtain from your public library the book What Is A Scientist or watch this video of it:

<https://www.youtube.com/watch?v=G7ljR8ahPr8>



Write or Draw:

Have your child write or draw an image of one of the kid scientists from the book doing one of the scient practices:

- Asking Questions
- Learning from Senses
- Noticing Details
- Drawing what they see
- Writing what they see
- Measuring
- Counting exactly
- Sorting carefully
- Designing Experiments
- Experimenting
- Explaining Carefully
- Over and Over
- Having Fun

Experiment:

Try out as many of these activities as you would like!

Asking Questions	Go on a short nature walk and see how many questions you can generate about things you can see
Learning from Senses	Make oobleck from 2 parts cornstarch to 1 part water. What can you learn from holding it? More details here .
Noticing Details	Over a week, take a careful look at all the seeds inside vegetables and fruits your family uses. What differences do you notice?
Drawing what they see	Add some food colouring to water. Drop the coloured water into a jar containing oil. Draw what you see.
Measuring	Make a balance scale at home by following directions here . Compare the weight of different objects.
Counting exactly	With an eyedropper, put drops of water on a penny (hopefully you can find one), carefully counting how many it holds before spilling over. With an adult around, try the same experiment with oil.
Sorting carefully	Sort the family's shoes and boots, deciding on different categories.
Designing Experiments	Plant seeds at different depths to see which ones grow better; make a flying airplane with these instructions and see how you can improve it.