

# Kindergarten Ready: Math & Science

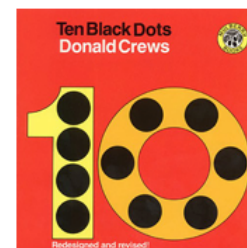
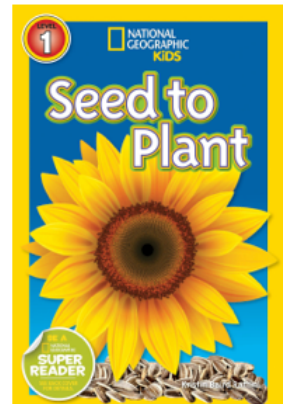
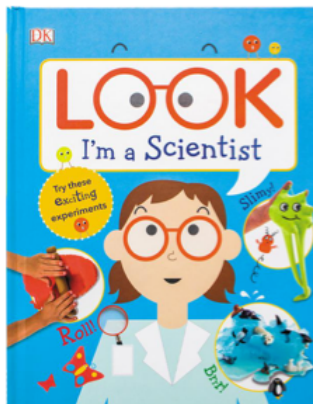


Introducing early math and science skills to your children is more important than ever because schools are putting a larger emphasis on S.T.E.M. (science, technology, engineering, and math). You can ignite a curiosity for math and science by using numbers in everyday situations, and by encouraging questions and a hands-on approach to learning. Early math skills include number recognition, counting, shape knowledge, patterning, and sorting. Allowing children to experiment, get messy, and try new things strengthens their science skills and prepare them for kindergarten.

## MATH & SCIENCE SKILLS READINESS KIT

Check out our Math & Science Readiness Kit that has been carefully cultivated to provide hours of education and entertainment for your preschooler. This kit includes books, counting games, science activities, and more to ignite curiosity in your little scientist!

Math & Science



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## ACTIVITIES TO TRY AT HOME

### COUNT OUT LOUD/COUNT OBJECTS

Turn everyday tasks into an opportunity to count out loud. From counting the number of eggs in your fridge, to counting the number of dogs you see on a walk; count out loud, and count often! Sing silly counting songs, like “**5 Little Monkeys**”, or recite nursery rhymes like “One, Two, Buckle My Shoe”.

### NATURE WALKS

Exploring outside with your child leading the way is an excellent opportunity for him or her to become a scientist and ask questions. Take the walk at their pace allowing them the opportunity to investigate and look a little closer. Ask them questions about what they can see, hear, smell, and touch. Collect pinecones, rocks, or leaves and look at them more closely if you have a microscope or magnifying glass. If you see footprints, ask your child what animal might have left them. Each season of the year will provide fresh opportunities for your little scientist to explore and discover.

### BOARD GAMES

Simple board games (like Candy Land, and Chutes & Ladders) in which your child must move their game piece a certain number of spaces, are a great opportunity to practice counting in a fun way. Make up your own game by rolling dice and asking your child to actively move the same number as the rolled dice. You can include movements such as skipping, jumping, hopping, etc.

### MEASURING CUPS

There are so many fun and simple activities using the measuring cups, spoons, bowls, etc. that you already have hiding in your kitchen drawers/cabinets. Use a large container filled with uncooked rice, dry beans, or uncooked pasta, and allow your child to sift them around using measuring cups/spoons. Alternatively, use containers filled with water. Scooping and pouring water using measuring cups allows children to learn about buoyancy and gravity (some items float and some sink). They’ll also learn cause and effect (splashing causes water to splatter and make them and their surroundings get wet).