

Science Readiness

As children mature, they naturally become more curious about their environment and begin to interact with their surroundings. This is the best time to introduce them to science.

Rich sensory experiences (seeing, tasting, touching, hearing, and smelling) can help children become even more observant and curious about the world around them.

Experience and research show that young children are excited about science when they are given the chance “to do” science. Hands-on science experiences, along with conversations about what is occurring, are the most useful for developing children’s science process skills.

Exploring the characteristics of objects and living things can help children learn how to classify or group things based on their characteristics. These experiences go beyond improving science skills to improving reading skills, language skills, creativity and attitudes toward science.

Encourage your children to ask questions. Children don’t need or expect lengthy, detailed answers to all their questions.

Adapted from Doing Science With Your Children by Peter Rillero and Getting Your Child Ready: KINDERGARTEN The Adventure! by Larry Fields, Ph.D., Laverne Gaither, Linda Hill, Paulette Marshall, Janice McLendon

Getting Ready for Science in Kindergarten



Onslow County Schools

2019-2020



Science in the Home and Community

There are many activities you can do with your children to help them develop skills related to science.

Introduce your children to stimulating environments. Oceans, parks, airports, kitchens, and backyards offer chances for observing and discussing science.

Seize the teachable moments. If your child shows an interest in flowers, talk about it. You can follow-up by planting flowers and watching them grow.

Provide hands-on experiences. Give children the chance “to do” science. Activities should challenge, but not overly frustrate. Share your science interests.

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Science Skills Include

- Observing what is happening
- Predicting what might happen
- Testing predictions under controlled conditions
- Trying to make sense of observations

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“Science literacy is the artery through which the solutions of tomorrow’s problems flow.”

Neil deGrasse Tyson

North Carolina Department of Public Instruction Resource Links

North Carolina Standard Course of Study for Science

<https://sites.google.com/dpi.nc.gov/k-12science/home>

<https://sites.google.com/dpi.nc.gov/k-12science/resources/kindergarten>

