

What Your Child Needs to Know in Science

Grade 2

Science Skills					
Use print and non-print resources to answer scientific questions	Use graphic organizers to record information	Make predictions and record observations	Ask “how” and “what if” questions	Identify the parts of a good investigation	Follow oral and written directions
Use science equipment and tools to collect data	Record and display data in tables, charts, and graphs	Use observations to compare data and draw conclusions	Describe science findings orally and in writing	Identify similarities and differences in science concepts	Use safety equipment
Recognize and describe patterns in nature	Identify the problem and use resources to support solutions	Use new information to change previous learning	Use science investigations to solve science problems	Explain how a model can be used to learn about an object	Recognize how new inventions influence our daily life
Earth & Space					
Identify patterns in the sky (moon, day/night, seasons, stars)	Describe how the sun affects the earth	Describe changes in the sun’s position (day, season)	Compare the sun to other stars	Compare the Earth to other planets	How humans and nature affect the earth
Growth & Change					
Seeds grow into plants	Changes that occur in a life-cycle	Compare animal life cycles	How animals within a group are alike and different	How fossils and dinosaurs compare to living creatures today	Habitats and survival
Sink and Float					
Classify objects based on their properties	Plan and construct models	Evaluate and modify a model based on how it performs			