



ECHOS

Welcome to Early Childhood Hands-On Science (ECHOS)!

Teacher's Guide Overview

The *ECHOS Teacher's Guide* is designed to provide the early childhood teacher with everything needed to present age-appropriate science concepts in a hands-on, investigative format. Each chapter includes the following components:

Objectives
and
Assessment

Objectives and Assessment Matrix

To help the teacher determine which chapter and/lessons to present, each chapter starts with a matrix that identifies the objectives, High/Scope® Key Experiences and Galileo Assessment Standards addressed in each lesson within the chapter.

Teacher
Background

Teacher Background Information

Basic information is presented to provide the teacher with a better understanding of the content area addressed in the chapter lessons. Additional information may be found in the scripted *Procedures* section of each lesson.

Lessons

Lessons

Each chapter includes three to five lessons that help students understand the chapter concept. Each lesson includes the learning objective, a list of materials, preparation instructions if needed, and a scripted procedures section that walks the teacher through each step of the lesson.

Vocabulary

Vocabulary

Chapter-related words are highlighted in this section to help the teacher focus on new vocabulary presented in the lessons. A list of ideas for ways to use the words in the classroom is also included.

Resources

Resources

Books, poems, songs, and fingerplays are provided, along with space to make notes when the teacher discovers additional resources for the chapter.

Science
at Home

Science at Home

The teacher may provide parents with photocopies of the *Science at Home* page (the last page of each chapter) in order to encourage them to provide enriching science experiences at home.





Credits

ECHOS was developed under the direction of
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Purchasing Information

To purchase additional copies of the *ECHOS Teacher's Guide*, or to request information about ECHOS training workshops, please contact:

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