

EXAMPLE TIP

What Will I Say?

Science and Math in Storytimes

EXAMPLE TIP: Demonstrates the concept during storytime

EFFECTIVE TIP: Articulates why or how an activity supports a science or math concept. It may also explain the relationship to early literacy or later reading.

Content/Knowledge

Science Content

- Life Science
- Physical Science
- Earth and Space Sciences
- Use of Tools

Math Content

- Numbers and Operations
- Patterns, Relationships, Functions
- Geometry and Spatial Relationships
- Comparison and Measurement
- Time and Sequence

Process Thinking

- Observing/investigating
- Questioning
- Predicting/Hypothesizing
- Noticing cause and effect
- Comparing/contracting
- Sequencing
- Noticing, making patterns
- Problem solving
- Making connections
- Exploring different perspectives

Communication

- Using non-verbal and verbal language
- Saying what observed/happened
- Explaining reasoning
- Sharing/reporting discoveries, ideas
- Asking for help
- Asking open-ended questions
- Using science/math vocabulary
- Using process thinking vocabulary
- Representing including drawings, charts
- Learning collaboratively

Storytime Item (book, song, movement activity, flannel board, etc.)

Activity: What you are doing with the item, which science or math concept are you supporting and how

Tip to share with Parents Help parents/caregivers see the connection, how they can support science and math thinking

EMPOWER TIP

What Will I Say?

Science and Math in Storytimes

EMPOWER TIP: How can parents/caregivers continue the science/math concept at home? Same concept as in Example Tip.

EFFECTIVE TIP: Articulates why or how an activity supports a science or math concept. It may also explain the relationship to early literacy or later reading.

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Connection to Home Activities/Environment

Handout?

Tip to share with Parents Help parents/caregivers see the connection, how they can support science and math thinking