

AGENDA

? What are question types?
? When does question
understanding develop?
? What are types of questions should
be used with young children?

? WHAT ARE QUESTION TYPES?

• Closed / Open
• Literal / Inferential
• Contextual / Decontextual
• Convergent / Divergent

- A brief look at a revised Bloom's Taxonomy

# 

Closed questions (2 definitions)

- can be answered with 'yes' or 'no'.
- can be answered with either a single word or a short phrase.

## **Open questions**

• require a response with more depth and a lengthier response.

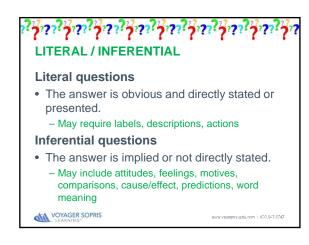
**BOTH** can use wh- questions

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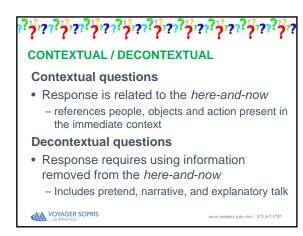
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# What color apple does she have? Closed What colors can apples be? Open Where did she get this apple? Closed Where did the apples come from? Open

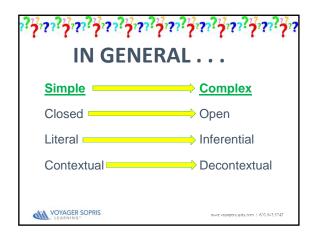
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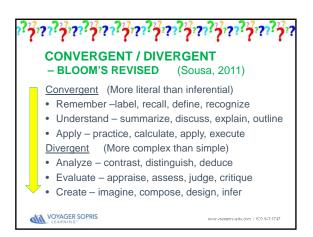








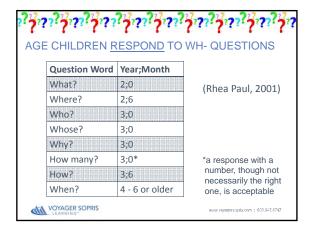


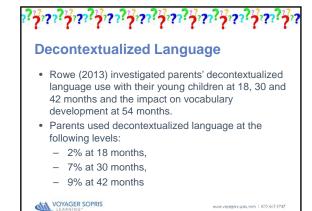


# ? WHEN DOES QUESTION **UNDERSTANDING DEVELOP?** When young children developmentally: - respond to wh- questions - respond to contextual and decontextual language

- respond to literal and inferential language

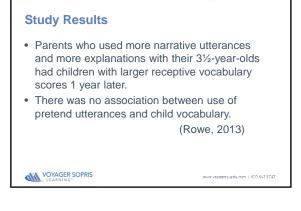
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# **Decontextualized Language** · Narratives - Talk about events that happened in the past or will happen in the future Explanations - Talk that requested or made logical connection Pretend play - Talk during pretend episodes of interaction including making an object represent another; attributing actions, thoughts, or feelings to inanimate objects; assuming a role or persona; enacting scripts or routines between objects, events, concepts, or conclusions (Rowe, 2013) VOYAGER SOPRIS



# LITERAL and INFERENTIAL LANGUAGE • Teaching inferential language as a comprehension strategy in the school years is typical. - Strategies include summarizing, evaluating, relating information to prior knowledge. · Teaching younger children is typically more implicit, not as intentional.

- Children are exposed to comments and questions

adults naturally use like explanations, questioning, modeling answers. (van Kleeck et al., 2006)

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## LITERAL and INFERENTIAL LANGUAGE

- Van Kleeck (1997) found that parents used 70% literal and 30% inferential levels of interaction during storybook reading with their 3½- and 4-year-old children.
- In another study, van Kleeck et al. (2006) found that embedded questioning (based on the 70/30% results) in storybook reading experiences over 8 weeks with Head Start children with language delay positively impacted literal and inferential language development.
  - Bigger effect sizes were seen for literal language than inferential language.

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## LITERAL and INFERENTIAL LANGUAGE

- Possible reasons for difference between literal and inferential learning:
  - Children were exposed to more literal questions.
  - Children may need to have a solid level literal language before they can make marked gains at the inferential level.
  - More time may be needed to develop inferential language. (van Kleeck et al. 2006)

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### LITERAL and INFERENTIAL LANGUAGE

- Lower-level semantic skills were a stronger predictive indicator of listening comprehension than inferential skills in preschool children (Florit et al., 2013; Kendeou, et al., 2008; Scarborough, 2005).
- Why? The abstract nature of language may still be developing in the preschool years.

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# ? WHAT TYPES OF QUESTIONS SHOULD BE USED WITH YOUNG CHILDREN?

- Levels of questioning
- · Strategies for educators

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### **4 LEVELS OF QUESTIONS**

LEVEL 1 Matching perception 2-3 years

### 'look at it'

- questions relate to objects in immediate environment and require concrete thinking

(simple: closed, literal, contextual, convergent)

LEVEL 2 Selective analysis of perception 3-4 years 'talk about it'

 questions involve some analysis such as classifying/ grouping objects, describing and understanding object functions

(a little complex: inferential, decontextual, divergent)
(Blank et al. 1978)

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### **4 LEVELS OF QUESTIONS**

**LEVEL 3** Reordering perception **4-5 years** 

### 'think about it'

 questions require children to use their own knowledge to make basic predictions, assume the role of another, or make generalization as they begin to use higher-order thinking skills.

LEVEL 4 Reasoning about perception 5-6 years

### 'reasoning'

 questions involve problem solving, predictions, solutions and explanations and require a child's use of knowledge and thinking about the future and past.

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(Blank et al. 1978)

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### Improving Children's Understanding

- Use questions that the child can understand, then move to more complex, abstract ones.
- Match your conversation to the child's level of understanding, then expand and stretch.
- State information and restate with slight variations so that children are given greater opportunities to understand and process the information they hear.
- Talk more rather than less. Comments are vital to expand a child's understanding.
- · Make the implicit more explicit.

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### **Recommendations for Repeated Readings**

- First read the goal is to help children gain an overall understanding of the book.
  - Ask literal questions to help children gain a basic understanding of the story
  - Take care to not interrupt the flow of the story
  - Use out-loud thinking to show how you use language to make inferences to problem-solve, reason, and discuss cause/effect
  - Follow-up with questions that elicit thinking and learning strategies (Schickedanz & Collins,2013; Weitzman & Greenberg, 2010)

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### **Recommendations for Repeated Readings**

- 2nd read the purpose of the second reading is to further the children's understanding of the story and provide them with additional opportunities to use language for thinking and learning.
- 3<sup>rd</sup> read the goal of the third reading is to reinforce story comprehension. Your role is to support the children as they reconstruct the story's events. In so doing, talk about the causes of these events and the character's feelings and motivations.

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# Selecting storybooks, consider:

- Complexity and potential interest to young children
- · Richness of the language
- Values conveyed
- Representative diversity
- · Appropriateness and size of illustrations

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 "Bear Snores On" Written by Karma Wilson and illustrated by Jane Chapman, published by Little Simon

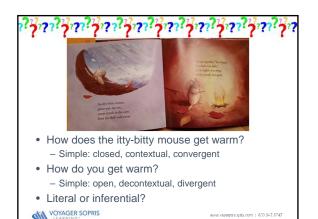


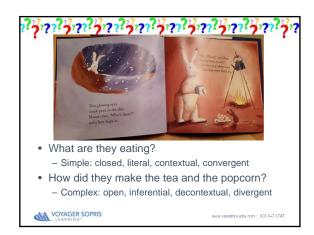
- · Good vocabulary
- · Rich language
- Friendship and sharing
- Wonderful pictures
- Narrative, rhyming and pattern book

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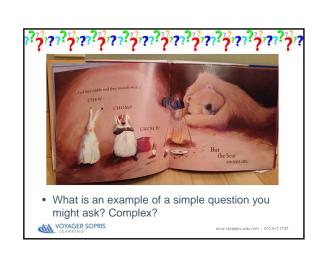


- What's in the lair? (That's a cave.)
- Closed
- Literal
- Contextual
- Convergent
- What other animals live in a lair or a cave?
  - Open
  - Inferential
  - Decontexual
  - Divergentinoreanis.com / 600,647,6747















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