

## **The Naturalist Intelligence**

A logical beginning is with observation of the world.

- Process skills:
- Exploration
- Discovery
- Creativity
- Innovation

Discovering the Naturalist Intelligence: Science in the Schoolyard. [Jenna Glock](#) , [Maggie Meyer](#) , [Susan Wertz](#). Chicago: Zephyr Press. 1999

### **Inquiry Skills:**

- Questioning
- Exploring
- Investigation
- Discussing
- Reflecting
- Formulating ideas

### **Open Exploration**

Children ask the questions.

Observe or notice

Describe physical characteristics

Describe behaviors and needs

### **Focused Exploration**

Teacher asks probing questions.

Children represent their work

Children discuss

Children reflect

### **Mathematics is used to record and reflect observations and communicate ideas.**

Measure

Sort

Categorize

Compare

Simple graphs

### **Use language to communicate on findings.**

Drawings

New Vocabulary

Dictation

Writing

Drama

### **Plan an Investigation**

- Make new observations
- Record and represent experiences
- Reflect on what they have done and what it means
- Look for patterns and relationships
- Reflections lead to new questions
- Formulate new understandings

Discovering Nature with Young Children. Ingrid Chalufour and Karen Worth. Education Development Center, Inc. St. Paul, MN: Redleaf Press.

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