

Knowledge "Standards":

Lang. Arts #1 - Read, write, speak for information & understanding.
Indicator #2- speaking/ writing - includes relevant information, excludes extraneous material

MST #4 - Students will understand and apply scientific concepts to living environment

Skill/Disposition "Standard":

C-DOS Basic Skill #1 (Elem)- ability to....read the ideas of others and express themselves both orally and in writing

ACADEMIC CHALLENGE
Elementary
Language Arts/Science

Question/Issue:

How and why do animals use disguises and surprises for survival?

Challenge:

With a partner, read the story *Amazing Animal Disguises* by Sandie Sowler, (Alfred A. Knopf, New York.) Agree on one land animal, one sea animal, and one sky animal that interests you both. Create a display for our room which shows how the three animals you have chosen use surprises or disguises to help it survive in the world. When you prepare your display be sure it includes the following:

- An explanation for each animal of "how" and "why" it uses surprises or disguises to survive. This explanation should be written out somewhere on your display;
- The most important, accurate information about each of your animals. This information should be taken from the reading or other reliable sources;
- Illustrations or models showing what the animal looks like when it is disguising or surprising.

To help make your display as attractive as possible, please try to make it compact, interesting, and informative (see criteria)

Once all of our displays are set up, we will ask you to explain your display to the class and answer questions about it. Be prepared to explain why you included the information in your display that you did. Both partners should expect to do their fair share of both creating and explaining the display.

Product criteria:

Display

Form criteria

- Compact - takes up no more space than the size of a desk top and is no taller than one sheet of poster board
- Interesting - catches the eye by using colors, lettering, pictures/models, etc.
- Informative - helps viewer immediately understand the most important, accurate information. Easy to understand.

Content criteria

- Contains accurate information about each of the animals. Information is taken from the reading or other reliable sources;
- Contains an explanation for each animal of "how" and "why" it uses surprises or disguises to survive. Explanation is written out somewhere on your display;
- Contains illustrations or models showing what the animal looks like when it is disguising or surprising.

Evidence of:

β **Knowledge**

β **Skill**

β **Disposition**

Targeted "Standard(s)"/Indicator(s):

- **Knowledge** - understands scientific concepts
LOOK FOR/LISTEN FOR> Child can explain how/why animal uses disguise or surprise to aid in survival
- **Communication** - includes important and excludes unimportant information in speaking and writing (ELA Strd#1, Ind.#2 - Speaking/Writing)
LOOK FOR /LISTEN FOR> Child provides adequate reasons for including/excluding information in display when questioned.

"Product" Checklist

Date: _____ Class Period: _____

Product Author(s):	Product Title/Name: "Animal Surprises and Disguises Display"	Evaluator Name(s):
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Observed	Standard/Criteria	Possible Points	Rating
	Display - "form criteria"		
	<ul style="list-style-type: none"> • Compact - takes up no more space than the size of a desk top and is no taller than one sheet of poster board 		
	<ul style="list-style-type: none"> • Interesting - catches the eye by using colors, lettering, pictures/models, etc. 		
	<ul style="list-style-type: none"> • Informative - helps viewer immediately understand the most important, accurate information. Easy to understand. 		
	Bulletin Board - "content criteria"		
	<ul style="list-style-type: none"> • Contains accurate information about each of the animals. Information is taken from the reading or other reliable sources. 		
	<ul style="list-style-type: none"> • Contains an explanation for each animal of "how" and "why" it uses surprises or disguises to survive. Explanation is written out somewhere on the display 		
	<ul style="list-style-type: none"> • Contains illustrations or models showing what the animal looks like when it is disguising or surprising. 		
	TOTALS		