



Coastal Bend Bays & Estuaries Program, Inc.

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Bloom's Taxonomy for Science

Knowledge – Recalling Information

Questioning Strategies	Verbs	What it Means
What was....?	COPY	To reproduce original
Who was/were....?	IDENTIFY	To recognize what something is
How many....?	MEASURE	To compare objects to arbitrary units
When did....?	PROVIDE	Prepare in advance to give
Locate in the lab....	READ	To make a study of
	RECORD	To provide written evidence of
	REPLICATE	To make copy of
	UNDERSTAND	To grasp the meaning of

Comprehension – Understanding, Meaning

Questioning Strategies	Verbs	What it Means
Tell me in your own words...	CLASSIFY	To assign to a category
What does it mean....?	DESCRIBE	To give an account of in words
Give me an example of....	DISCUSS	To talk about something
Describe what....	EMPLOY	To make use of
Illustrate the part of the story...	EXPLAIN	To give reason for
Make a map of....	EXPRESS	To convey
	GIVE EXAMPLE	Serve as a pattern
	RECOGNIZE	To acknowledge
	REPRESENT	To serve as an example of
	REVIEW	To examine again
	SUMMARIZE	To state main purpose
	VERIFY	To confirm

Application – Using the Information

Questioning Strategies	Verbs	What it Means
What would happen to you if you....?	BALANCE	Find the difference between
Would you have done the same as....?	CALCULATE	To use a mathematical process
If you were there would you....?	CONNECT	To show relationships between
How would you solve this problem....?	CONSTRUCT	To make or form by arranging parts
Use other sources to find information for....	DEMONSTRATE	To prove or show by evidence or reasoning
	GATHER	To collect
	GENERATE	To bring into existence
	IMPLEMENT	To put into effect
	MAKE	To form by combining parts
	OBSERVE	To use the senses to gather information
	PREDICT	To state in advance
	RELATE	To establish a connection between
	SEQUENCE	To arrange in series

Analysis – Identification of Components, Parts, Patterns

Questioning Strategies	Verbs	What it Means
What things would you have used....?	ANALYZE	To break down in parts
What other ways could....?	ASK	Develop ideas based upon observations
What things are similar?	CONDUCT	The process of carrying on
What is different about....?	DIFFERENTIATE	To distinguish from one to another
	DRAW CONCLUSIONS	Use information to form judgments
	EXAMINE	Test by questioning
	EXTRAPOLATE	To predict from past experiences
	GROUP	Sort by common characteristics
	INFER	Develop ideas based on observation
	ILLUSTRATE	Clarify using examples
	INVESTIGATE	To make an inquiry based on method or system
	RESEARCH	Study or examine carefully

Synthesis – Parts to Create Whole

Questioning Strategies	Verbs	What it Means
What would it be like if....?	COMMUNICATE	To provide information orally or written
What would it be live to live....?	CREATE	To produce a product
Design a....	DESIGN	To plan
Pretend you are....	ORGANIZE	Arrange in orderly structure
What would happen if....? Why/Why not?	PLAN	To formulate a method to accomplish a task
Use your imagination to draw a picture of....	SIMULATE	Imitate the representation of something
Design a model of....		

Evaluation – Verify Value of Evidence

Questioning Strategies	Verbs	What it Means
<p>Select the best...Why is it the best?</p> <p>What do you think will happen to...Why do you think that?</p> <p>Was ____ good or bad? Why?</p>	<p style="text-align: center;">COMPARE</p> <p style="text-align: center;">CRITIQUE</p> <p style="text-align: center;">DETERMINE</p> <p style="text-align: center;">EVALUATE</p> <p style="text-align: center;">INTERPRET</p> <p style="text-align: center;">JUSTIFY</p>	<p>Judge one thing against another</p> <p>To analyze and evaluate</p> <p>To decide by using alternatives</p> <p>To determine the value of</p> <p>Read tables, charts, graphs, etc. to provide explanations</p> <p>Show to be right or reasonable</p>