



Constructed Responses

**by Debra Bareño
& Holly Young**





A

Answer the Question
Correctly!

C

Check & Cite ALL
supporting information!
(Graphs, text, diagrams)

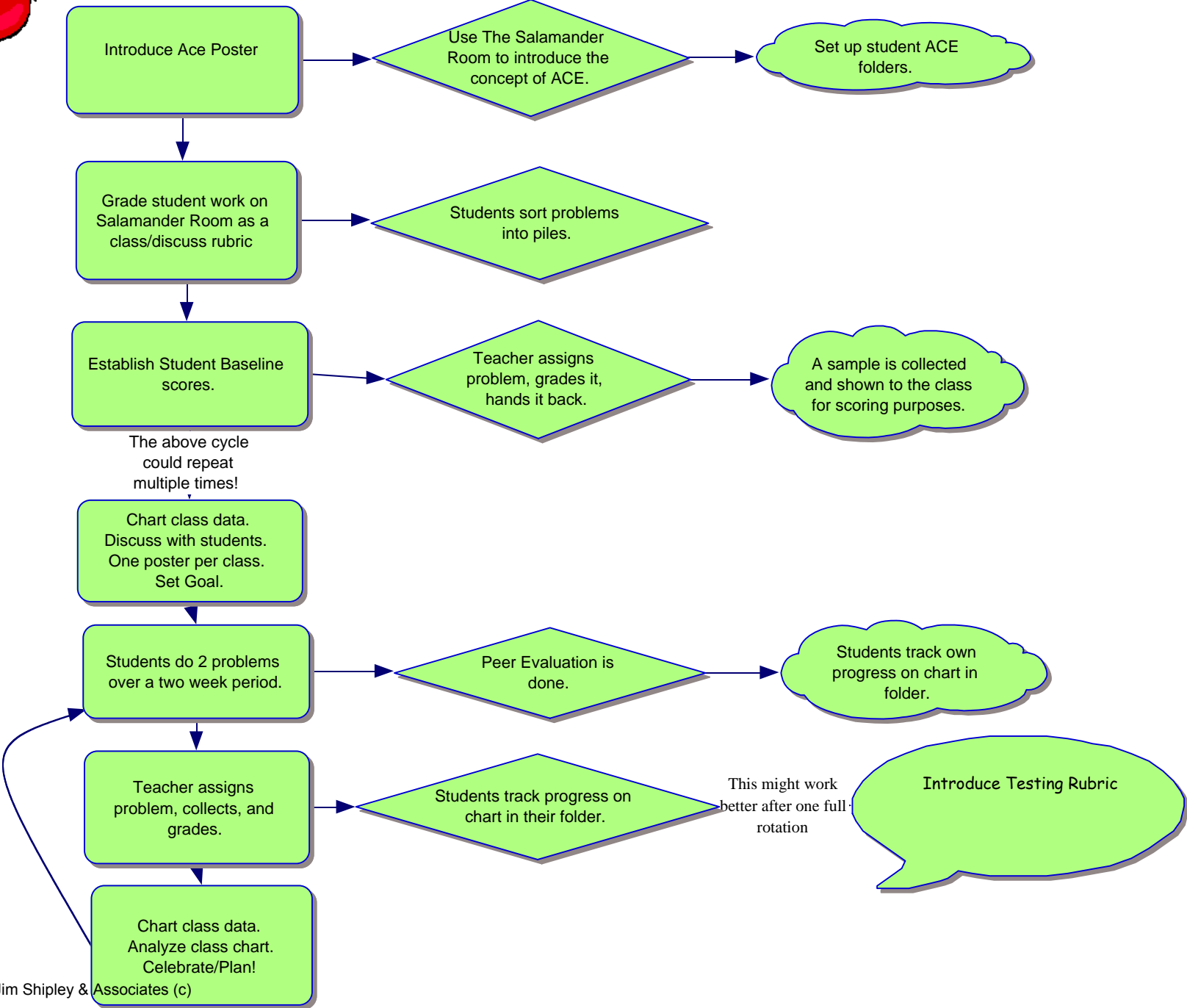
E

Explain your thinking.
Examine your answer.
Have you addressed
all parts of the question?

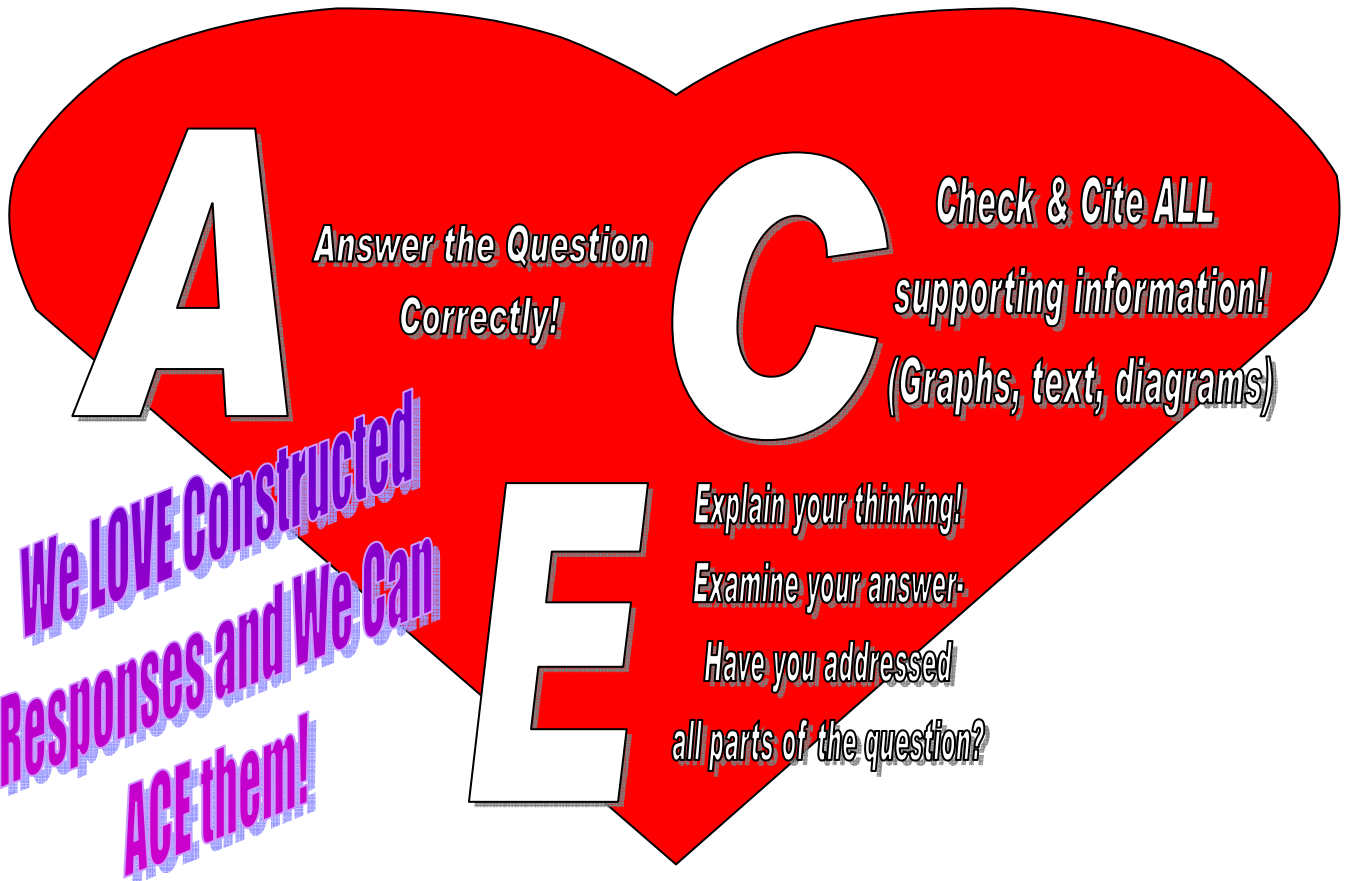
**We LOVE Constructed
Responses and We Can
ACE them!**



Science Constructed Response Implementation



adapted from Jim Shipley & Associates (c)



A

Answer the Question Correctly!

C

Check & Cite ALL supporting information! (Graphs, text, diagrams)

E

*Explain your thinking!
Examine your answer-
Have you addressed all parts of the question?*

We LOVE Constructed Responses and We Can ACE them!

Question: Using the book Salamandar Room, list four of the most important parts of a salamandar habitat and explain why salamanders would be dependent upon them to survive?

A Answer correctly		C What supports your answer? Cite information from text, graphs, diagrams?	
E	Did you examine your answer to make sure you addressed all parts of the question?		

Peer Response to Constructed Response:

My name _____

Writer's name _____

Yes No

- A** – The question is answered correctly.
- C** – The correct information is used from the graphs, text, or diagram.
- E** – Every part of the answer is explained.



In the explanation supporting details are given to make clear why that **PARTICULAR** answer was given.

The person went back and answered all parts of the question.

Total points for each "Yes:" _____

Peer Response to Constructed Response:

My name _____

Writer's name _____

Yes No

- A** – The question is answered correctly.
- C** – The correct information is used from the graphs, text, or diagram.
- E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each "Yes:" _____

Peer Response to Constructed Response:

My name _____

Writer's name _____

Yes No

- A** – The question is answered correctly.
- C** – The correct information is used from the graphs, text, or diagram.
- E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each "Yes:" _____

Peer Response to Constructed Response:

My name _____

Writer's name _____

Yes No

- A** – The question is answered correctly.
- C** – The correct information is used from the graphs, text, or diagram.
- E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each "Yes:" _____

Peer Response to Constructed Response:

My name _____

Writer's name _____

Yes No

- A** – The question is answered correctly.
- C** – The correct information is used from the graphs, text, or diagram.
- E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each "Yes:" _____

Teacher Response to Constructed Response:
My name _____

- Yes No
- A** – The question is answered correctly.
 - C** – The correct information is used from the graphs, text, or diagram.
 - E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each “Yes:” _____

Teacher Response to Constructed Response:
My name _____

- Yes No
- A** – The question is answered correctly.
 - C** – The correct information is used from the graphs, text, or diagram.
 - E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each “Yes:” _____

Teacher Response to Constructed Response:
My name _____

- Yes No
- A** – The question is answered correctly.
 - C** – The correct information is used from the graphs, text, or diagram.
 - E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each “Yes:” _____

Teacher Response to Constructed Response:
My name _____

- Yes No
- A** – The question is answered correctly.
 - C** – The correct information is used from the graphs, text, or diagram.
 - E** – Every part of the answer is explained.

In the explanation supporting details are given to make clear why that *PARTICULAR answer* was given.

The person went back and answered all parts of the question.

Total points for each “Yes:” _____



Why, according to the book The Salamander Room is a habitat important? List four of the most important parts of a salamander habitat and explain why they would be dependent upon these things to survive.

A The habitat of a salamander is important because it helps it survive.

Here are four reasons why I think it's important.

1. He needs insects to eat in order to live. Without food, he would die.

C 2. He will need little pools of water to drink so he won't get thirsty.

3. He will need fresh leaves and moss to sleep in. A good night's sleep means a healthy salamander!

4. The salamander will need a tree with branches in order to sun himself. The sun keeps him healthy.

E I think these four things will make him a healthy salamander that will live for a long time.

Answer the question correctly!

Cite multiple details from the reading in order to show that you understand the passage.

Examine your answer.

Have you addressed all parts of the question?



Why, according to the book The Salamander Room is a habitat important? List four of the most important parts of a salamander habitat and explain why they would be dependent upon these things to survive.

- A**
- 1.They need food and water to survive.
 - 2. A perfect place where to sleep.
 - 3. Friends so that it won't feel alone.
 - 4. A place where to play and have fun.

C

The little kid wanted to have a salamander for a pet, but the mom would tell the boy how it would survive so he started bringing things and animals to his room so that the salamander wouldn't feel alone, but then he also had to feed the other animals so that they can survive too.

E

In order for the kid to keep the salamander living he had to make it feel at home so he brought the nitche to his room.

Answer the question correctly!

Cite multiple details from the reading in order to show that you understand the passage.

Examine your answer. Have you addressed all parts of the question?

Name: 2/3 when you talk about yourself, that's unrelated.



Why, according to the book The Salamander Room is a habitat important? List four of the most important parts of a salamander habitat and explain why they would be dependent upon these things to survive.

A It's important for a salamander to have a habitat because without it it wouldn't survive. Four important parts of a salamander's habitat is the environment, food, temperature, and weather because if it's too hot or too cold it could die and the environment really matters because it has to adapt

C to it's environment to survive and it also needs food to live. In the story Brian found the salamander crawled through the dried leaves of the forest floor. It got warm once it was in Brian's hands. The boy ended up making a forest in his room as an environment in order for all the insects and animals to survive. The salamander needs an adapting habitat, food, the right temperature and weather to survive or else it would die. It's just like a human is adapted to almost all weather and temperature but we could not survive in the Arctic because it's below freezing and we wouldn't have food.

E

Answer the question correctly!

Cite multiple details from the reading in order to show that you understand the passage.

Examine your answer. Have you addressed all parts of the question?



Why, according to the book The Salamander Room is a habitat important? List four of the most important parts of a salamander habitat and explain why they would be dependent upon these things to survive.

A According to the book "Salamander Room" Salamander's needs to be in the woods, with fresh and green leaves, near trees, and has to be like a forest.

Answer the question correctly!

C Brian founds a salamander in the woods. And he changed his room to look like a salamander home.

Cite multiple details from the reading in order to show that you understand the passage.

E Yes, I addressed all parts of the question.

Examine your answer.

Have you addressed all parts of the question?





How to Teach and Answers for Dominant and Recessive Factors

1. If needed, review Heredity with the class using examples or Brainpop.com
2. Share and go over the ACE poster and check for understanding.
3. On the chalk board, white board, or Activboard, have the students review by filling in the Punnett squares. A different student may fill in each square. After the student has filled in a square, he or she should explain how they figured out which letters belong in that square and whether the square is dominant or recessive.
4. Have another student come up and write the percentage of dominant squares and the percentage of recessive ones.
5. The last step is for the student to explain how they know that those percentages are correct.

Fill in the charts correctly and then explain how many of the offspring would result with the dominant trait and how many with the recessive trait. How do you know if the offspring has the dominant or recessive trait?

Answer for example #1

Yellow Peas=Y Green Peas= g

	Y	g
Y	 YY	 Yg
g	 Yg	 gg

75% of the squares are dominant and 25% are recessive.

I **know** that 75% of the Punnett squares are dominant because there is a yellow pea, or dominant trait, in three of the squares, and whenever there is a dominant trait in a square, the dominant always outweighs the recessive (the dominant always wins!). I also **know** that 25%, or one square, is recessive. It has only green peas and because it only contains recessive traits, it is recessive.

If you look at the ACE poster, it's easy to see that this total answer covers all of the bases.

The correct answer was given by filling in the squares. Information from the chart was cited in the answer. The text and the chart were used in order to answer the question, and their thinking was explained with the discussion of how they knew the percentages.

It's critical to make sure to reiterate the importance of going back over the question and their answers to make sure that all parts of the question were indeed addressed.

Charting My Progress!

Name _____

Assignment	Date	A	C	E	My Score	Peer Evaluation Score	Teacher Score
(Teacher's turn to collect & grade)							
When I look at the Response Check Sheet, I realize that I need to get better at...							
(Teacher's turn to collect & grade)							
When I look at the Response Check Sheet, I realize that I need to get better at...							



