

**PBL Science SLO Assessment**

Name \_\_\_\_\_

3-LS4-2 (2 points)

1. The two plants (in the picture) are desert cactus. How are they different, and how is that important?

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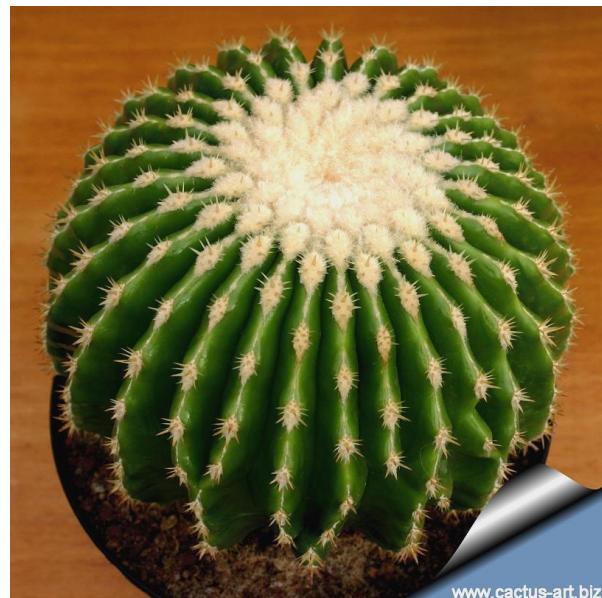
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3-LS4-2

2. Two rabbits are shown below. Which rabbit has a better advantage for living in the snowy arctic? Why? (Include the ideas of survival and reproducing in your argument). (2 points)

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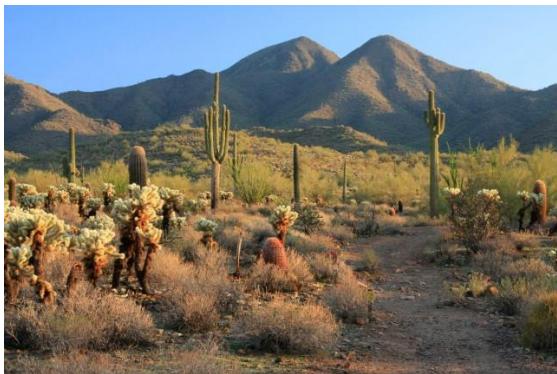
A. Brown rabbit



B. White rabbit

3-LS4-3

3. Look at the picture of the desert habitat. Explain how well each animal might survive in the desert habitat. Well? Less well? Not at all? Explain your answer. (6 points)



Desert Habitat



Rattlesnake.

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Alligator.

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Deer.

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4. The Jones family lives in the desert. Since there is little water, they don't want a grass yard. At the garden store, they find 3 plants to choose from. Explain how well each plant might survive in the desert. Well? Less well? Not at all? Explain your answer. (6 points)



Cactus

Cactus.

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Fern

Fern.

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Pine Tree

Pine Tree.

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## PBL Science SLO Assessment

### 3-LS4-2

1. The two plants are desert cactus. How are they different, and how is that important? (2 points)  
1 point Possible answers (difference): viable visible difference.  
1 point Possible answers (importance): clarifying statement explaining how that difference is important to the plant's survival.
2. Two rabbits are shown below. Which rabbit has a better advantage for living in the snowy arctic?  
Why? Include the ideas of survival and reproducing in your argument. (2 points)  
1 point (which rabbit) B. White rabbit.  
1 point (why) Rabbit's white color is camouflage in the white, snowy environment and will help it survive to reproduce.

### 3-LS4-3

3. Predict the survival chances of the 3 groups of animals (shown). Explain your choices.
  - a. (2 points) Well. Lives in desert.
  - b. (2 points) Not at all. Needs water habitat.
  - c. (2 points) Less well. Sometimes lives in desert-like habitat.
4. The Jones family lives in the desert. Since there is little water, they don't want a grass yard. At the garden store, they find 3 plants to choose from. Explain how well each plant might survive in the desert. Well? Less well? Not at all? Explain your answer.
  - a. (2 points) Well. Is a desert plant.
  - b. (2 points) Not at all. Needs wet habitat.
  - c. (2 points) Less well. Can survive in a dry habitat.

Total points: 16

### 2016-2017 3<sup>rd</sup> Grade PBL/SLO Assessment 8-Point Scale

NGSS 3-LS4-2, 3-LS4-3

23 points possible

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
0-2	3-5	6-8	9-11	12-14	15-17	18-20	21-23

STUDENT NAME	BASELINE DATE	BASELINE LEVEL	BASELINE MAXIMUM POINTS	CULMINATING TARGET	CULMINATING MAXIMUM
STUDENT A	9/13/2016	3	8	6	8
STUDENT B	9/13/2016	3	8	6	8
STUDENT C	9/13/2016	3	8	6	8
STUDENT D	9/13/2016	3	8	6	8
STUDENT E	9/13/2016	1	8	3	8
STUDENT F	9/13/2016	3	8	6	8
STUDENT G	9/13/2016	3	8	6	8
STUDENT H	9/13/2016	2	8	5	8
STUDENT I	9/13/2016	2	8	5	8
STUDENT J	9/13/2016	2	8	4	8
STUDENT K	9/13/2016	4	8	6	8
STUDENT L	9/13/2016	3	8	6	8
STUDENT M	9/13/2016	2	8	5	8
STUDENT N	9/13/2016	2	8	6	8
STUDENT O	9/13/2016	3	8	5	8
STUDENT P	9/13/2016	1	8	3	8
STUDENT Q	9/13/2016	3	8	6	8
STUDENT R	9/13/2016	4	8	7	8
STUDENT S	9/13/2016	1	8	3	8
STUDENT T	9/13/2016	1	8	3	8
STUDENT U	9/13/2016	3	8	6	8