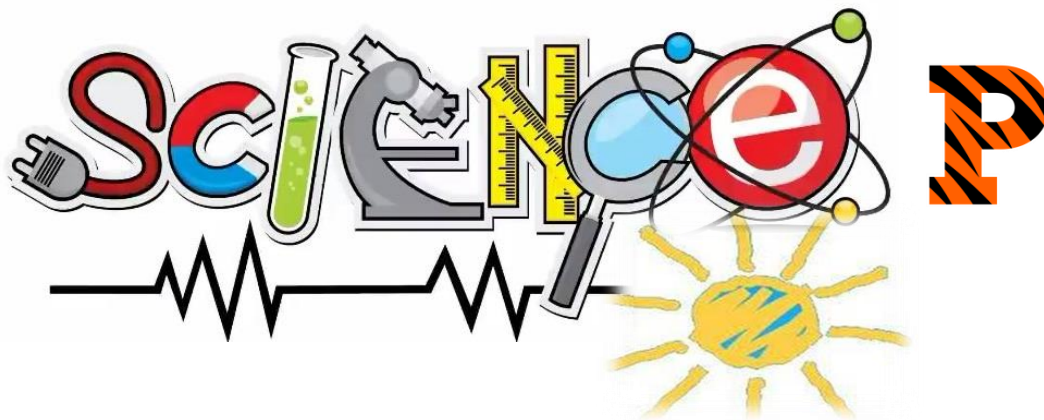




Name _____

3rd Grade Science Remote Learning Packet

Week 14



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

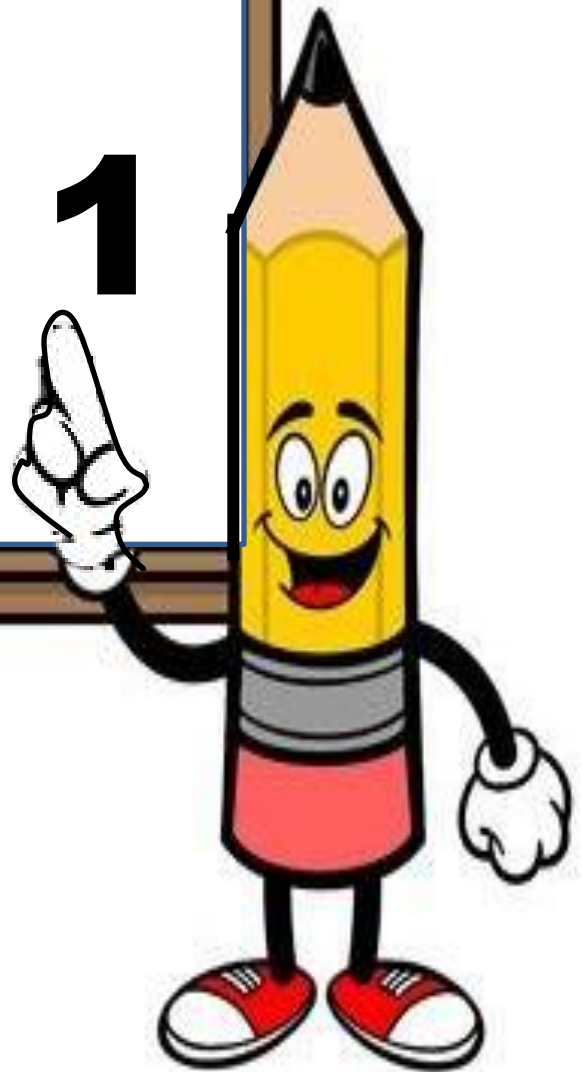
(Parent Signature)

(Date)

Parents please note that all academic packets are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



Day # 1



Name: _____ Week 14 Day 1 Date: _____

BCCS-B

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Guided Notes: How did a tree travel halfway around the world?

The Question: Answer the question in a complete sentence. How did a tree travel halfway around the world?

Vocabulary: Fill in the blank with the missing word. The word is red on the PowerPoint presentation.

1. **Charles Gaudichaud:** a scientist who discovered _____ on _____ islands thousands of _____
2. **Koa Tree:** a _____ of flowering tree in the _____ family, which is native to _____
3. **Seed:** a _____ object produced by a _____ from which a new plant can _____
4. **Travel:** to _____ to a place and especially one that is _____

Video: During the video, meet the expectation of all sounds off, tracking the screen, and actively listening. When it says NOTES, please keep notes that will help you answer the question, what can magnets do. When it says DISCUSS, first take a moment to think about your answer; then, write it down. I will ask for hands when I am ready for you to answer the question aloud as a group.

Exploration 2: Discuss- How do you think Koa trees could be in these two different places, half a world apart?

Exploration 3: Notes- _____

Exploration 4: Quick check- Do you have any new ideas about how the Koa tree seeds might have traveled?

Exploration 5: Way seed can travel: _____

Example of seeds that uses this way: _____

Exploration 6: Quick check- So now you know the seeds didn't fly to Reunion Island, any new thoughts?

Exploration 7: Way seed can travel: _____

Example of seeds that uses this way: _____

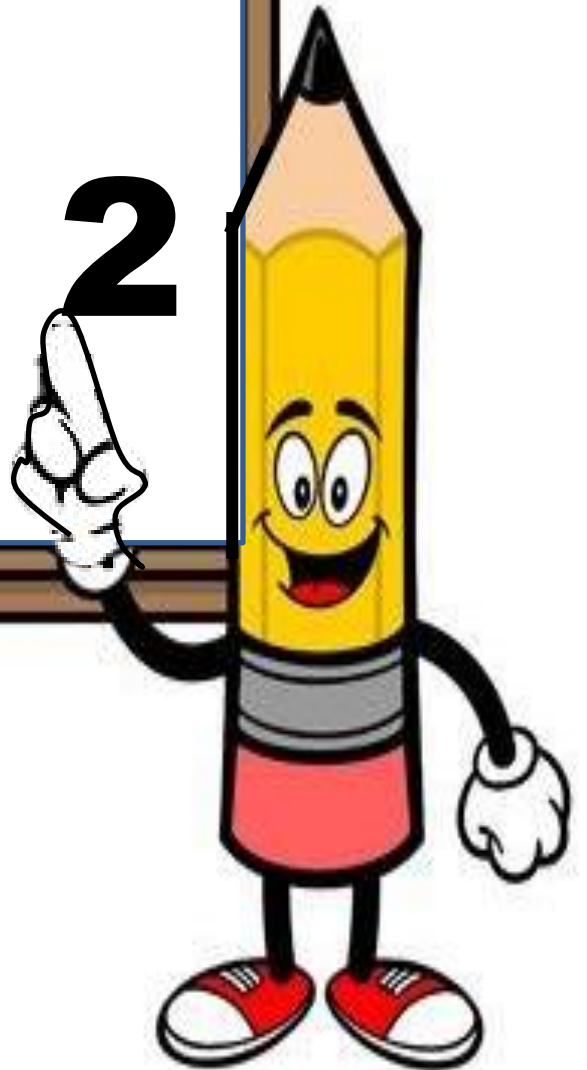
Way seed can travel: _____

Example of seeds that uses this way: _____

Exploration 8: Discuss- Do you have any idea what animal could have carried the seeds from Hawaii to Reunion Island?



Day # 2



Name: _____ Week 14 Day 2 Date: _____

BCCS-B

Harvard

Yale

Princeton

Spinner Seed Pod - Directions

Page 1 of 2

This seed pod spins through the air as it falls, just like the seeds of a Tree of Heaven.

Here's what you do:

1. Write your name on the Spinner.
2. Cut along the solid lines of your Spinner pattern to make a strip that looks like this:



3. Slip the slot at one end into the slot at the other end. You'll make something that looks like a little fish, with the seed at the nose of the fish.

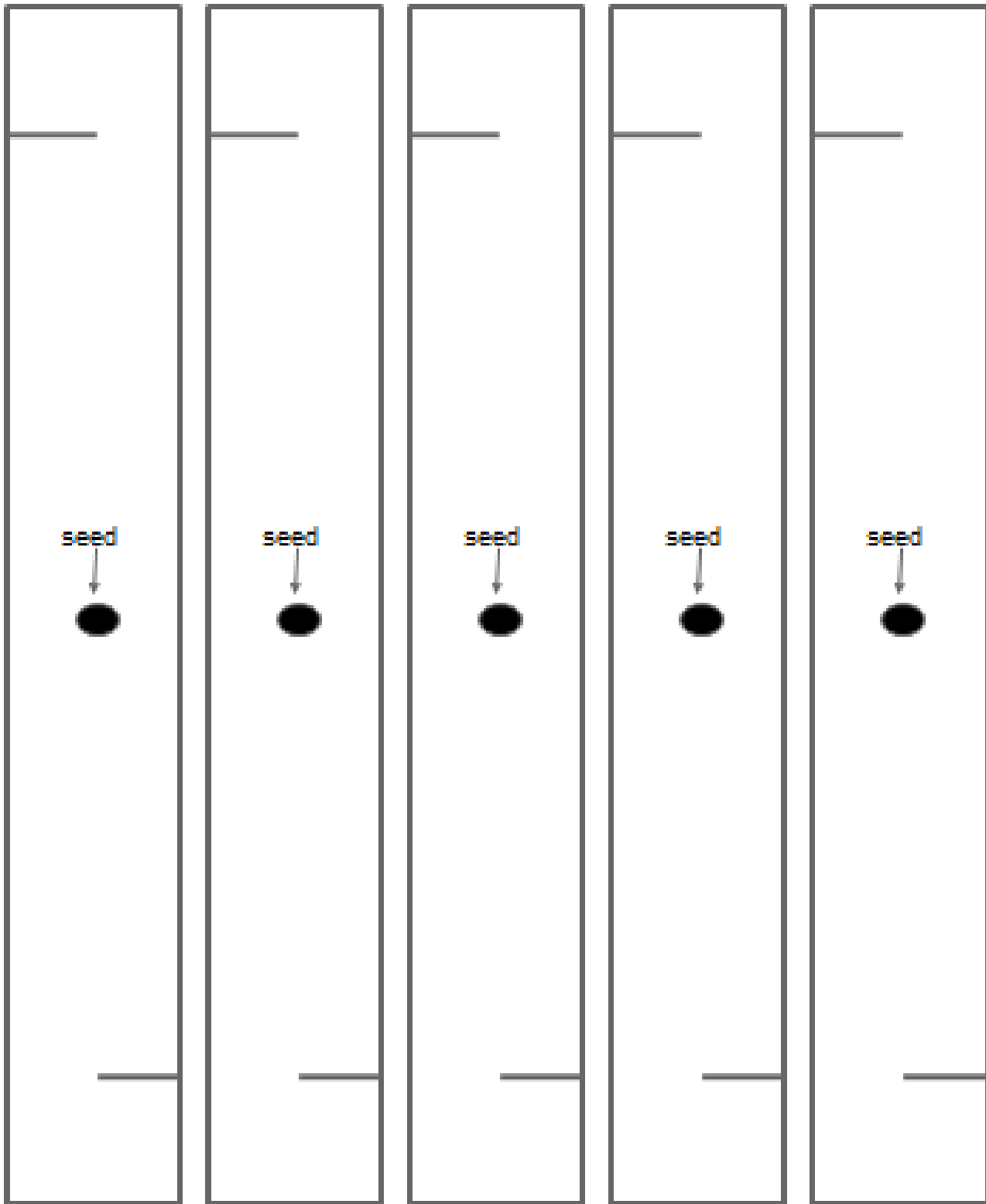


4. Your Spinner is ready to fly. Hold it sideways and drop it to watch it spin to the floor.
5. Does dropping the Spinner with its nose pointing down change the way it falls? How about dropping it with its nose pointing up? Figure out which way you want to drop the Spinner when you are trying to avoid the Zone of Darkness.

Spinner Seed Pod

(includes four extras)

Page 2 of 2



Rotocopter Seed Pod - Directions

Page 1 of 2

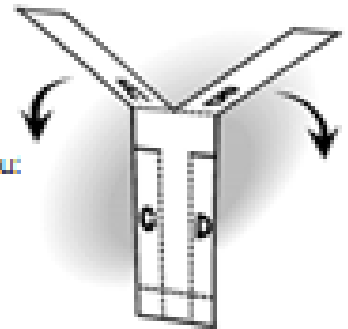
This seed pod spins through the air. It's a little bit like a maple seed.

Here's what you do:

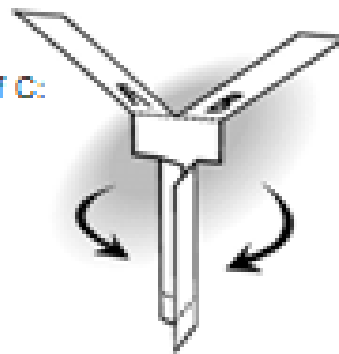
1. Write your name on your Rotocopter. When your seed flies away, you'll want to be able to find it again.

2. Cut along the solid lines of your Rotocopter pattern.

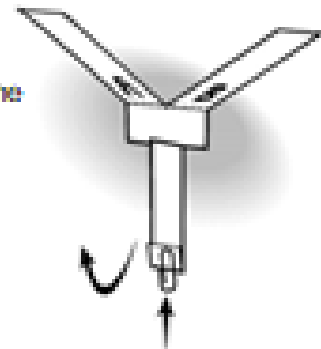
3. Fold on the dotted lines. Fold A toward you and fold B away from you:



4. Fold C toward you. Then fold D on top of C:



5. Fold the bottom up and slide the paper clip on. The paper clip is the seed in this seed pod.

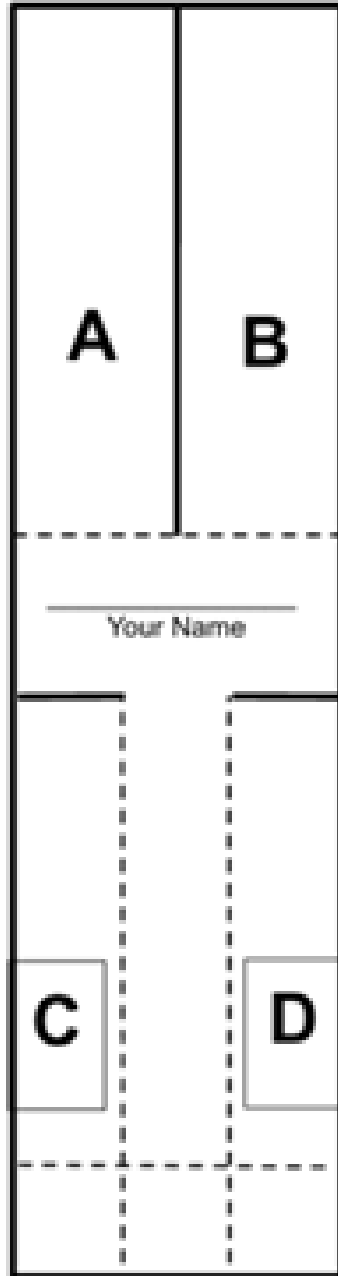
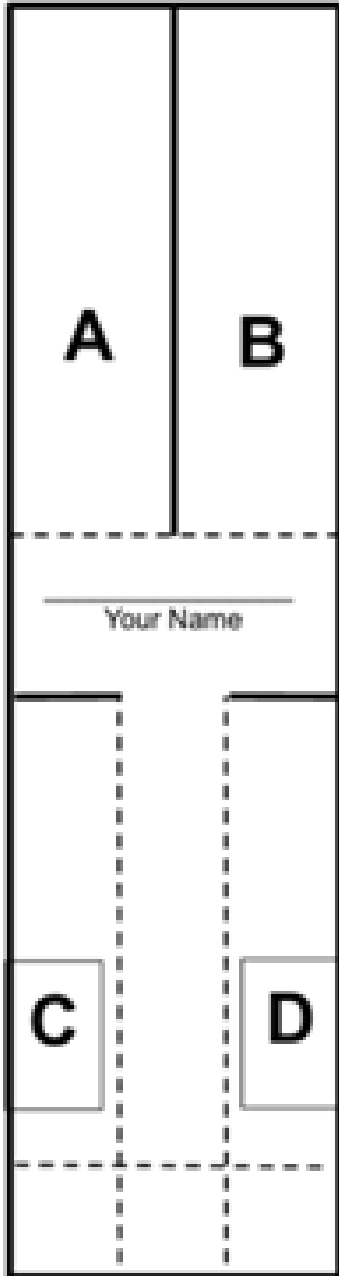


6. Now your Rotocopter is ready to fly. Hold it with the paper clip pointing down and drop it.

7. Does dropping the Rotocopter with the paper clip pointing sideways change the way it falls? How about dropping it with the paper clip nose pointing up? Figure out which way you want to drop the Rotocopter when you are trying to avoid the Zone of Darkness.

Rotocopter Seed Pod (includes one extra)

Page 2 of 2



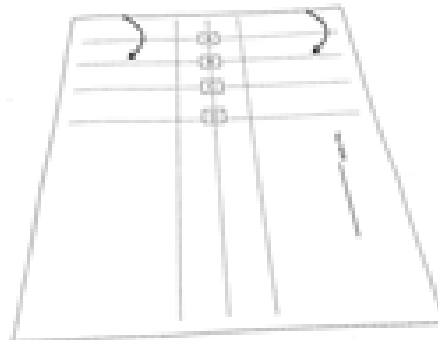
Glider Seed Pod - Directions

Page 1 of 3

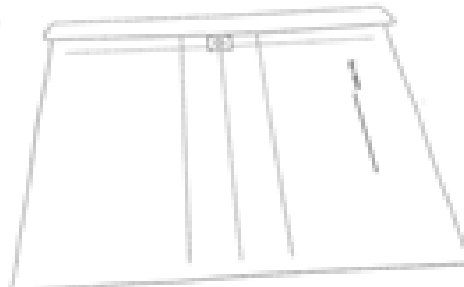
This seed pod flies through the air, like the amazing seed of the Javan cucumber.

Here's what you do:

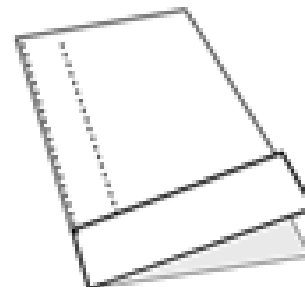
1. Write your name on your Glider, then fold the top of the paper down so it lines up with dotted line B. Run your fingernail over the fold to make a sharp crease.



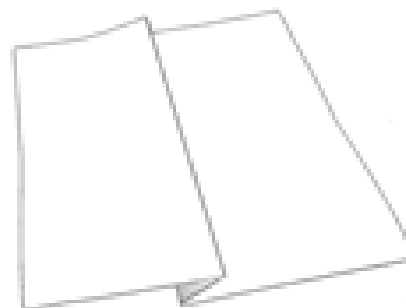
2. Repeat step 1 two times, folding down to line up with dotted line C, and then dotted line D. Your paper will look like this.



3. Flip the paper over so the folded part is on the bottom. Then fold the paper in half like this.



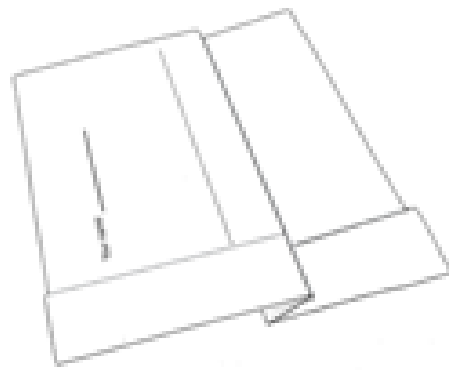
4. Fold on the dotted line to make one wing.



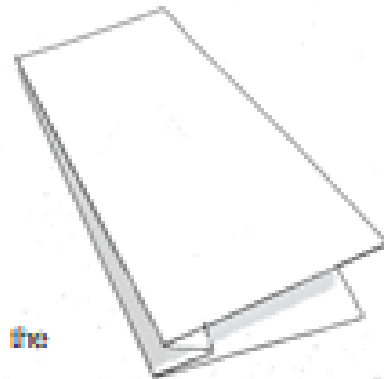
Glider Seed Pod Directions

Page 2 of 3

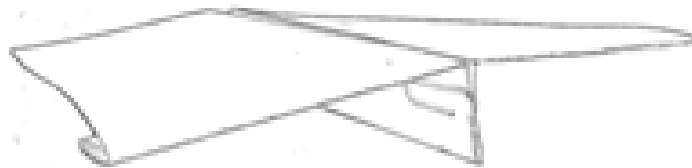
5. Turn the paper over. It will look like this:



6. Fold on the other dotted line to make another wing.



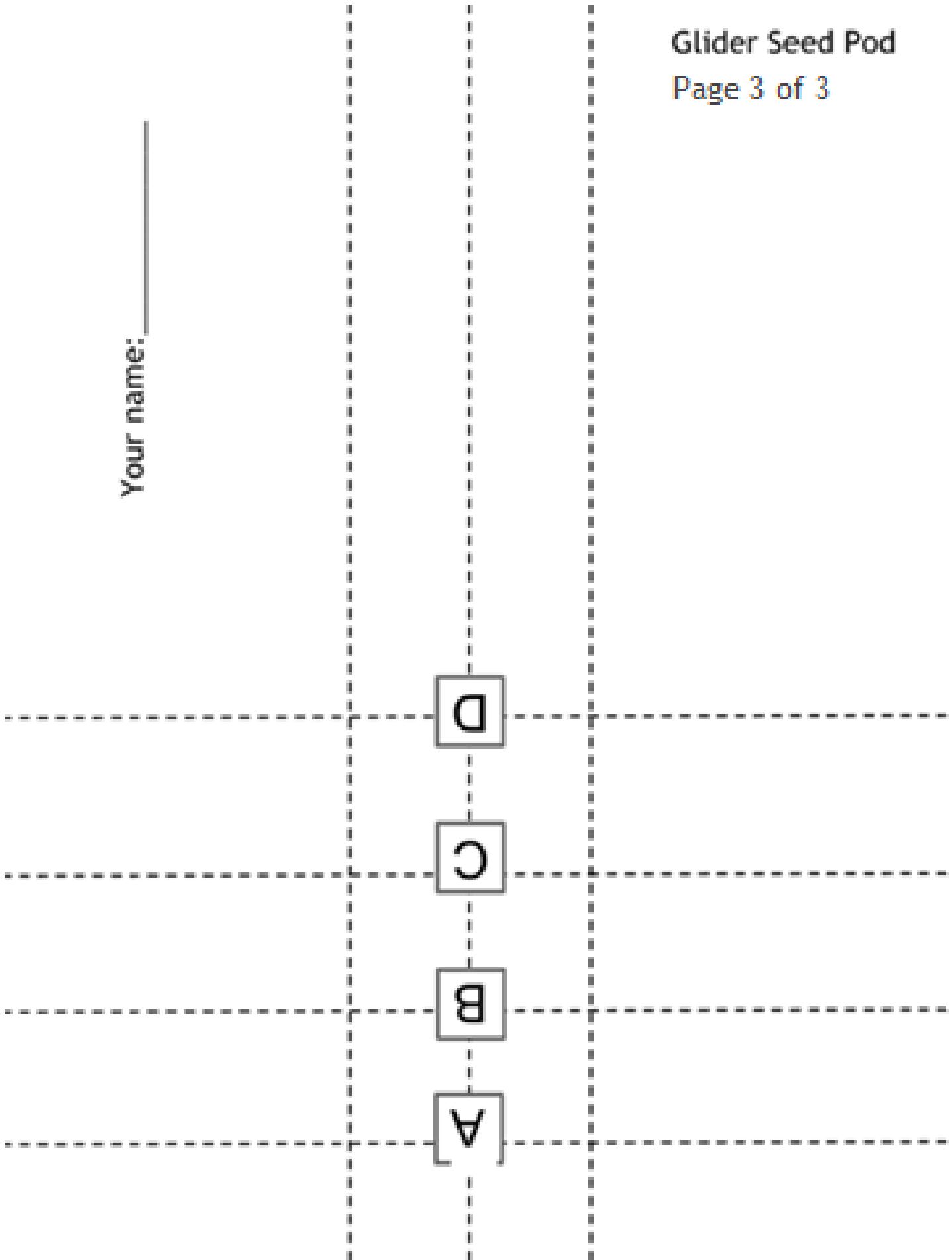
7. Spread the wings to the sides and slide the paper clip onto the folded part of the Glider, so it looks like this.



8. Your Glider is ready to fly. Hold it with the paper clip pointing to the side and drop it.

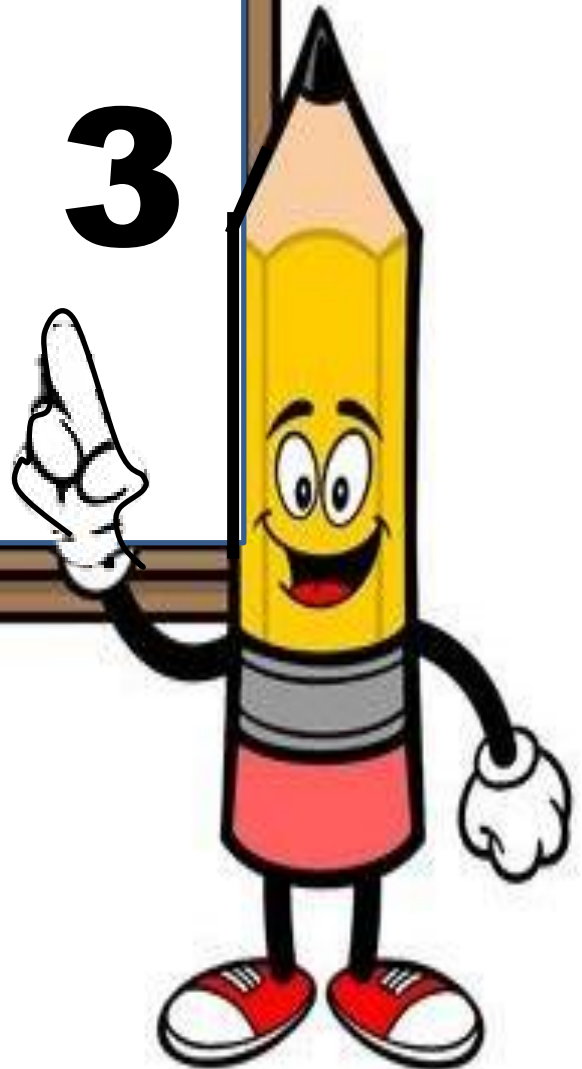
9. Does dropping the Glider with the paper clip pointing to the side change the way it falls? How about dropping it with the paper clip pointing up? Figure out which way you want to drop the Glider when you are trying to avoid the Zone of Darkness.

Your name: _____





Day # 3



Name: _____ Week 14 Day 3 Date: _____

BCCS-B

Harvard

Yale

Princeton

End of Mystery Assessment

1. Why is it good for a seed to land away from a tree?
 - a. The seed needs to stay close to the tree.
 - b. It is good for a seed to land away from a tree because if the seed lands under a tree, it won't get any light.
 - c. The wind carries the seed away from the tree.
 - d. It is not good for a seed to land away from a tree.
2. Why do so many coconut trees grow near the ocean?
 - a. The ocean current carries coconuts to new places.
 - b. Coconut trees need the salt from the ocean water.
 - c. Coconut trees do not grow near the ocean.
 - d. Coconut trees actually near the street.
3. How do birds help plants grow in new places?
 - a. Birds do not help plants.
 - b. Birds help the plants by giving them food.
 - c. Birds help the plants by watching them.
 - d. Birds help plants get to new places by carrying their seeds for them.

4. Try to fill in as many blanks as you can below:

Ways seeds can travel:	Example of a seed that uses this way:
By _____	maple tree seed, _____
By _____	_____
By animals	_____