ariai	N/	2	MΙ	n
:1 I a I	IV	0	וצ	١.
	•		ο.	•
	erial	erial M	erial Ma	erial Magi

Name:		
Date:		

Unit Assessment

Multiple Choice

- 1. If it's really hot and sunny outside, you probably want to wear clothes that are...
 - a. waterproof.
 - b. heat-trapping.
 - c. see-through.
 - d. absorbent.
- 2. Why are oven mitts NOT made out of metal?
 - Metal lets the heat through to your hand.
 - b. Metal is too expensive.
 - c. Metal is too heavy.
 - d. Metal isn't very comfortable.
- 3. Why do you need a metal pan to fry an egg on a hot sidewalk?
 - a. The pan will keep the egg from getting dirty.
 - The pan makes it easier to serve the egg.
 - The pan conducts heat from the sidewalk.
 - d. The pan absorbs heat from the sun.
- 4. What do popsicles and plastic toys have in common?
 - a. Both of them can get very cold.
 - Both of them are liquids.
 - c. Both of them are made out of water.
 - d. Both of them can be melted into shapes.
- 5. Why was it easier to make plastic toys instead of wooden toys?
 - a. Plastic doesn't need to be carved by hand.
 - b. Plastic doesn't grow in the ground.
 - c. Plastic can be painted different colors.
 - d. Plastic doesn't have bark that needs to be removed.

6. Sci	entists invent	new materials so that	they can	
a.	tell each othe	er about them.		
b.	invent things	to solve problems.		
C.	store the mat	terials in their laborate	ories.	
d.	do as many e	experiments as possib	ole.	
7. A_	can l	be built out of smaller	pieces of	
a.	House	wood		
b.	Skyscraper	concrete and st	eel	
C.	Wall	brick		
d.	All of the abo	ve		
Short	Answer			
8. If y	ou are designi	ng winter boots, whi	ch material properties v	would you choose?
50	To the second se	erties as you want.		ASSOCIATION DESCRIBE
	heavy	soft	see-through	absorbent
	stiff	stretchy	heat-trapping	waterproof
<u> </u>	20 TO SA	7.40		
Expla	in why you cho	ose your answers abo	ove.	
_				
			4	
0 14/1				
9. vvr	iy would you n	eed a metal pan to m	an egg on a hot sidew	aik?
You n	eed a metal pa	an to fry an egg becar	use	errerennerer .

2-PS1, K-2-ETS1

	toys are made out of plastic because
11. Wh	at's the difference between clothing that people wear when it's cold compared t's hot? Complete the sentences below.
١	When it's cold, people wear clothing that is
t	pecause
١	When it's hot, people wear clothing that is
ł	pecause
	uld make paper stronger by
	at futuristic material would you invent and what would you make with it?

Animal Adventures

Name:			
Date:			

Unit Assessment

Multiple Choice

- 1. A butterfly is...
 - a. A bird, because it has wings and can fly
 - b. A reptile, because it lays eggs
 - c. An invertebrate, because it doesn't have bones
 - d. None of the above



A pangolin is...

- a. A reptile, because it has scales
- b. A mammal, because it has hair and gives live birth
- Both a reptile AND a mammal, because it has characteristics of both groups
- d. None of the above



- Why do frogs and toads look for wet habitats during egg-laying season? Choose the BEST answer.
 - a. That's where male frogs can find female frogs
 - b. It's easier to hide in wet, swampy areas
 - c. Their calls sound louder over water
 - d. They need to lay their eggs in water
- 4. A bird feeder will attract birds if it ...
 - a. Has the right kind of food
 - b. Has places for birds to perch or stand
 - c. Is protected from cats and other predators
 - d. All of the above



True/False

Circle TRUE or FALSE for each statement.

TRUE	FALSE	Scientists can identify frogs by listening to their calls.
TRUE	FALSE	Frogs usually have drier, wartier skin than toads.
TRUE	FALSE	7. Only one kind of frog makes a call that sounds like "ribbit."
TRUE	FALSE	8. The Amazon rainforest has the most kinds of frogs.

Short Answer

9. Three friends are discussing what would happen if scientists discovered a new animal. What would scientists do to figure out which group the new animal belongs to?

Dhara says, "I think scientists would look at the *outside* of the animal." Xavier says, "I think scientists would look *inside* the animal." Luo says, "I think scientists would look at the inside *and* the outside of the animal."

Who do you agre	Who do you agree with most and why?					

2-LS4-1, K-2-ETS1

What are the d	lifferences between a prototype and a final version of something?
11. In your own wo	ords, what is a habitat? Why do some habitats have more animals

12. Fill out the Claim-Evidence-Reasoning chart based on the bird feeder you designed.

Claim: My bird feeder will attr Finches	act: (circle or Jays	Woodpeckers	Cardinals
Evidence: Draw your bird feed	er design an	d label the parts.	
Reasoning: My feeder will attra	act	(the bird you c	hose above) because
Reasoning: My feeder will attra	act	(the bird you o	hose above) because

Plant Adventures

Name:			-
Date:			

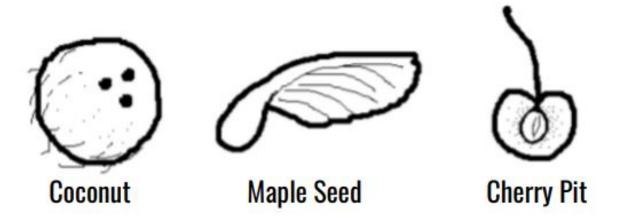
End of Unit Assessment

- Plants have ways of getting their seeds to travel away from them because ______:
 - a. they want to help animals.
 - seeds that travel away from the parent are more likely to get light.
 - c. seeds need water to grow.
- 2. If you move a plant from a dark room and place it on a sunny windowsill, what will happen?
 - The leaves will stay the same.
 - The leaves will move away from the sunlight coming from the window.
 - c. The leaves will move toward the sunlight coming from the window.
- If you planted a cactus in the forest, the cactus would probably ______.
 - a. get too much water and not enough light.
 - b. get too much light.
 - c. live really well.
 - be eaten by the forest animals.
- 4. If you notice that a plant has leaves that are yellow and wilting, what would you do? Choose all the correct answers. There may be more than 1 correct answer.
 - Put the plant in a dark room because it is getting too much sunlight.
 - Put the plant in a sunny room because it is getting too little sunlight.
 - Make sure the soil is dry because it is getting too much water.
 - Make sure the soil is wet because it is getting too little water.



5a The coconut travels by

5. Look at the three seeds shown below. Which one do you think travels by wind, which one travels by animals, and which one by water? Why do you think that?



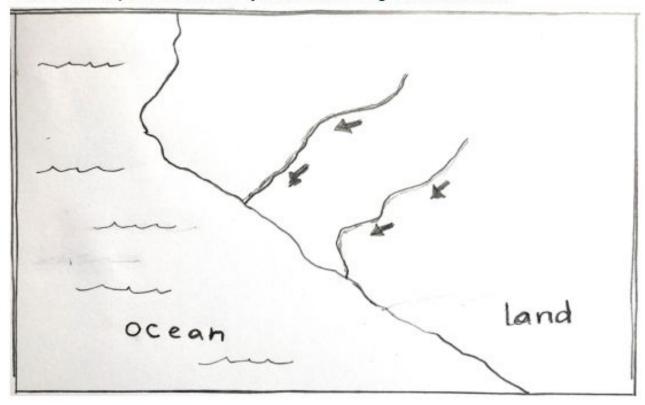
ou. The coconat davels by	
I think this because	
3	
5b. The maple seed travels by	·
I think this because	
·	
d selektrika se interior kalektrika kalektrika kalektrika kalektrika kalektrika kalektrika kalektrika kalektri	
5c. The cherry pit travels by	
I think this because	

·		
		exes. One box has a small hole in the top ants got plenty of water. Draw what you
	ant would look like, if you took them o	
	Grown in a Box with One Hole	Grown in a Box with No Holes
	J	

Work of Water	Name:						
Unit Assessment							
1. If it never rained, do you think the world w	ould look different? Explain.						
,							

2. Here is a map showing two rivers. If there are mountains, where do you think they are?

Look at this map and draw where you think there might be mountains:



2-ESS1, 2-ESS2, K-2-ETS1

3. Why is there sand at the beach? Draw a picture to show your understanding.
4. Imagine a friend said to you, "Water can't be as powerful as an excavator!" Do you agree or disagree? Why?
