

Discovery Lab: General Information for Students and Parents

Mrs. Lowery & Mrs. Flowers

Remote Learning Plans

March 16, 2020

Week 1:

Grade	Activity	Description	Materials
Grades 1 and 2	1) Use your knowledge of creation to do one of the following doing one each week:	<ol style="list-style-type: none">1. Build a rainbow2. Build your favorite animal3. Build an animal habitat4. Build your name5. Build a bridge6. Build a leprechaun trap7. Marble / Ball maze	You can use any household material like building blocks, LEGO, Q-tips, empty tissue boxes, marbles, ping pong balls, empty toilet paper and paper towel rolls.
	2) After completing activity 1: Did you use anything different than the materials above and did you come up with a replacement /or substitute and write down on a piece of paper your substitution. State why you selected this item.	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil
Grade 3	1) Use your knowledge of creation to create a	-Select an animal that hibernates (ex. Bear, frog, lizard, snakes, turtles,	Any item from nature and any household items that were used

	hibernation station for an animal.	chipmunks, groundhogs etc.) -Go outside and gather materials from nature to create your hibernation station like grass clippings, pinecones, twigs, and leaves -Label all items used	for the hibernation station. You can use any household materials like old magazines, newspapers, mail flyers, crayons, cotton balls, markers and tape
	2) On a piece of paper, come up with a replacement /or substitute items and write it down on a piece of paper.	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil
	3) Write a story about your hibernation station.		Piece of paper Pencil
	OPTIONAL: Plugged In activity – Hour of Code	Use Classlink to access Hour of Code, remembering to click on the Click Red Button – Continue with Google Use your @northernpolarbears.com account.	Internet access, Computer or tablet OR go to Url: https://studio.code.org/users/sign_in Click Red Button – Continue with Google Use your @northernpolarbears.com account.
Grade 4	1) Use your knowledge of creation to create a hibernation station for an animal.	-Select an animal that hibernates (ex. Bear, frog, lizard, snakes, turtles, chipmunks, groundhogs etc.) -Go outside and gather materials from nature to create your hibernation	Note: You can use any household materials like old magazines, newspapers, mail flyers, crayons, cotton balls, markers and tape

		station like grass clippings, pinecones, twigs, and leaves -Label all items used	
	2) On a piece of paper, come up with a replacement /or substitute items and write it down on a piece of paper.	(For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.)	Piece of paper Pencil
	3) Write a story about your hibernation station.		Piece of paper pencil
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Grade 5	1) Use your knowledge of creation to create a hibernation station for an animal.	-Select an animal that hibernates (ex. Bear, frog, lizard, snakes, turtles, chipmunks, groundhogs etc.) -Go outside and gather materials from nature to create your hibernation station like grass clippings, pinecones, twigs, and leaves -Label all items used	Note: You can use any household materials like old magazines, newspapers, mail flyers, crayons, cotton balls, markers and tape

	2) On a piece of paper, come up with a replacement /or substitute items and write it down on a piece of paper.	(For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.)	Piece of paper Pencil
	3) Write a story about your hibernation station.		Piece of paper pencil
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Week 2:

Grades 1 and 2	<p>1) Use your knowledge of creation to do another one of the following:</p> <p>Make sure you select something different.</p>	<ol style="list-style-type: none"> 1. Build a rainbow 2. Build your favorite animal 3. Build an animal habitat 4. Build your name 5. Build a bridge 6. Build a leprechaun trap 	You can use any household material like building blocks, LEGO, Q-tips, empty tissue boxes, marbles, ping pong balls, empty toilet paper and paper towel rolls.
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		7. Marble / Ball maze	
	2) After completing activity 1: Did you use anything different than the materials above and did you come up with a replacement /or substitute and write down on a piece of paper your substitution. State why you selected this item.	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil
Grade 3	1) Create an app of your choice to solve a problem in your school or community.	Plan and research different apps on your tablet or your parent's phone. -Create questions to ask your parents and family members to find out what app they would want for school or the community. (Ex. School bus internet access or parent pickup app or a Dillsburg App)	Paper Pencil
	2) Draw the graphics for this app	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil
	3) Write a paragraph explaining what this app will do or the problem it will solve.		Piece of paper Pencil
	OPTIONAL: Plugged In activity – Hour of Code	Use Classlink to access Hour of Code,	Internet access, Computer or tablet

		<p>remembering to click on the</p> <p>Click Red Button – Continue with Google</p> <p>Use your @northernpolarbears.com account.</p>	<p>OR go to Url: https://studio.code.org/users/sign_in</p> <p>Click Red Button – Continue with Google</p> <p>Use your @northernpolarbears.com account.</p>
Grade 4	1) Create an app of your choice to solve a problem in your school or community.	<p>Plan and research different apps on your tablet or your parent's phone.</p> <p>-Create questions to ask your parents and family members to find out what app they would want for school or the community. (Ex. School bus internet access or parent pickup app or a Dillsburg App)</p>	Paper Pencil
	2) Draw the graphics for this app	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil
	3) Write a paragraph explaining what this app will do or the problem it will solve.		Piece of paper Pencil
	OPTIONAL: Plugged In activity – Hour of Code	<p>Use Classlink to access Hour of Code, remembering to click on the</p> <p>Click Red Button – Continue with Google</p>	<p>Internet access, Computer or tablet</p> <p>OR go to Url: https://studio.code.org/users/sign_in</p>

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	2) Draw the graphics for this app	For example, if you do not have a marble, fold up a paper in the shape of a ball and put tape around it to make a ball.	Piece of paper Pencil Markers Crayons
	3) Write a paragraph explaining what this app will do or the problem it will solve.		Piece of paper Pencil
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