

Cybersecurity 1: Basics – At Home and Virtual Activities

Find out about computer parts and how computers are connected, just like you!

1. Find out how computers work.
2. Find out what safety and protection means.
3. Discover how you're connected, just like computers are!



When you've earned this badge, you'll know how computers work and how to stay safe online. The activities below will help you complete two of the three steps for the badge!

<p>Activity 1 (<i>Connects to Step 2: Find out what safety and protection means</i>).</p>	<p>Protect Your Treasure</p>
<p>Activity summary</p>	<p>Daisies select a "treasure," put their treasure inside the box, decorate the box, and then work together to wrap the box for protection. Think of this as protecting your identity and information online.</p>
<p>Supplies needed</p>	<p>Plastic bead, small toy, coin, or something else you can think of as "treasure" to put in a box</p> <p>One box or container, large enough to put the treasure inside</p> <p>Material to wrap the box: wrapping paper, bubble wrap, duct tape, regular tape, rope or string</p> <p>Crayons, markers, decorating materials</p>
<p>Instructions</p>	<p>Place your "treasure" items into the box or container and start decorating. See below for discussion questions that can be asked during the activity.</p>
<p>Reflection/discussion questions</p>	<p><i>How will you protect the box? Protect means to keep something from getting broken, hurt, or taken away.</i></p> <p>Encourage your girl to do whatever she thinks will protect her treasure and to use more than one material to protect the box.</p> <p>Some ways to start a conversation about protection/prevention:</p>

	<p>-What are some ways you protect yourself from getting wet when you go outside and it's raining? Ex. umbrella, raincoat, hat</p> <p>-What are some ways you protect yourself from getting sunburn? Ex. wear sunscreen, wear a hat</p> <p>Sometimes you do more than one thing to protect yourself. When it's cold you wear sweaters, gloves, hats, jackets, socks, and boots, right?</p> <p>What did you use to protect your treasure box? Did you find more than one way to protect it?</p>
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Activity 2 (<i>Connects to Step 3: Discover how you're connected, just like computers are!</i>)	How Are You Connected?
Activity summary	Discover how you are connected and relate it to how computers connect to one another.
Supplies needed	Pen/pencil Paper
Instructions	<p>On a blank piece of paper, have your girl draw a large square in the middle (this will represent a computer). Then have her draw several more squares/"computers" around the outside of the paper, and connect them to the middle square with a line. Then ask her to draw her family in the middle square and then draw extended family and friends in the connected squares.</p> <p>SAY:</p> <p><i>In the middle of your page, draw a picture of your family.</i></p> <p><i>Then, in the squares/"computer" boxes, draw other people in your family, such as aunts, uncles, cousins, and grandparents.</i></p> <p><i>Then, draw any friends and people who are also part of your life. It could be any of your friends, a teacher, or a babysitter.</i></p>
Reflection/discussion questions	<p><i>How do you think computers connect like how we are connected as a family?</i></p> <p><i>From your drawing, you can see how you are connected to a bunch of different people.</i></p> <p><i>It's the same for computers. They're connected to other computers so they can communicate or talk together.</i></p>

Keep it girl-led! These activities have helped you finish two of the badge's three requirements. When you're able, finish the last requirement on your own, and you'll have earned the Daisy Cybersecurity 1: Basics badge! Find the Cybersecurity 1: Basics badge [here](#).