

Byte-Sized Brain Break

Family Activity

A **parent class** holds information that **child classes** “inherit”. For example, a Bird parent class might have properties like color, song, and size. If Bluebird is a child class of Bird, it will have all of the properties that Bird has, like color, song, and size. Child classes have all the properties that parent classes have. Think about your parents, or their parents. What sorts of characteristics did they pass down to you?

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Family Activity

There are many different **programming languages**, and each one can do the same thing in different ways. People have lots of languages too! What language(s) do you and your family use to communicate? How many languages can you tell them “I love you” in?

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Family Activity

Programs grow as more and more people add to them and they are able to do more things. People grow in this way too! The people around us can teach us fun and helpful things so our minds grow, as well as our bodies. What has your family taught you? How have they helped you grow?

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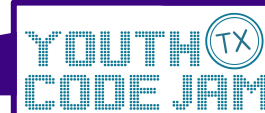
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Family Activity

There are lots of **functions**, or tasks, to do around the home. What sorts of functions does everyone in your family do to keep things clean and running smoothly? Are there any chores that everyone does? Are there any chores that are similar to one another, but with one or two things changed?

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Family Activity

Play "Simon Says" with your family for a fun way to get up and move. To play the game, one person will give instructions to everyone else. **If** they start a sentence with "Simon says", **then** everyone has to do what they say. **If** they don't say "Simon says", **then** don't listen! Things can get crazy but it's all part of the fun!

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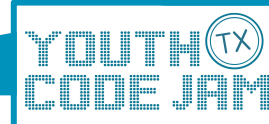
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Family Activity

How does your family grocery shop? Do you use a list? Do you split up or stay together? Do you visit every aisle? Different ways of doing things have different advantages! Next time you're at the store with your family, watch how your family grocery shops. What do you like about the way they do things? What do you like about the way other people find their groceries?

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Family Activity

There are lots of different ways to organize people! For example, in a choir, you might put the tall people in the back and the shorter people in the front so everyone can see. How many ways can you think of to organize your friends and family? What are some situations in which that might come in handy?

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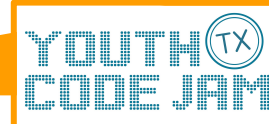
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Byte-Sized Brain Break

Family Activity

Create your own coding-inspired activity!

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