Byte-Sized Brain Break
Maker Activity

Make a puzzle! Draw a detailed picture on a piece of paper and cut it up, making the edges jagged and curvy. Then mix up the pieces and have someone try to solve it. How did it go? Was it too easy or too hard? Try this activity again, but change something like puzzle piece size, level of detail, or where you divide pieces to make the puzzle even better.
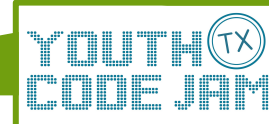
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Byte-Sized Brain Break
Maker Activity

Have a really big task to do? Break it down! Take something you have to do or want to do and divide it into more simple steps. You can add milestones after some of the harder steps - important times to stop and celebrate or take a break! Did that make it easier to understand or to complete?

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Byte-Sized Brain Break
Maker Activity

User input is any way that the user interacts with a program. It includes things like using a mouse to drag something or typing in an answer. Pretend you are a robot and create a remote control for yourself out of craft supplies. Add different buttons or ways for the user to input what they want. Tell the "user" what each button means. Then, ask a friend or family member to use the remote and see all of the cool things you, the robot, can do!
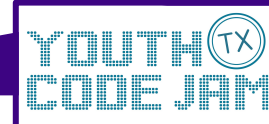
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Byte-Sized Brain Break
Maker Activity

A **set** is a group of things that are related and are grouped together, but not sorted in any specific way. Think about how you can group your things together in sets (a set of art supplies stored in the same place, a set of sports equipment, etc.) to make them easier to find and see what you have!

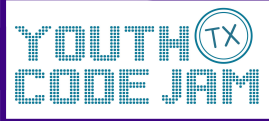Share with us using the hashtag **#wecanjam**

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Byte-Sized
Brain Break
Maker Activity

When you're giving someone instructions, it can be helpful to be specific and give them in the right order! With the help of an adult, sit a friend or family member at the table with all of the supplies they need to make a sandwich. Blindfold them and help them to make a sandwich by guiding them with your voice!
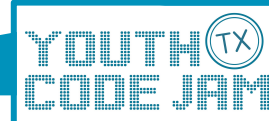
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Byte-Sized
Brain Break
Maker Activity

Make a scale model of a place you remember well, in 3D or on paper. This could be your favorite park, your school, your neighborhood, or something similar. It might help to start with the outlines of the biggest things, like buildings, trees, and roads. Then fill in the next level of detail, then a little more detail, and repeat until you have a completed scale model!

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Byte-Sized
Brain Break
Maker Activity

For 2 minutes, sit down with a group of people and draw diagrams to explain how to make popcorn in the microwave. Don't look at each other's drawings until everyone is done! Then compare and see what is similar and different between the drawings. What are the fundamentals when it comes to making popcorn in the microwave? What are things that people have lots of different perspectives on?

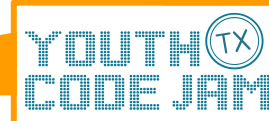Share with us using the hashtag **#wecanjam**

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Byte-Sized
Brain Break
Maker Activity

Create your own coding-inspired activity!
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