

Transcript: Cracking the Code

Selena: It's pop-up science!

On screen: In fast Flashes. Selena explores experiments in place.

Text on screen: Selena's Pop-Up Science.

On screen: Selena places slices of bread and jars of PB and jelly on a table.

Selena: It may not look like it, but I'm using computer coding techniques. Computer coding, like making a sandwich, involves following a series of steps in a specific order. Start with the bread, add the peanut butter, and then the jelly. There are a lot of fun ways to practice coding

On screen: Father and son outdoors.

Father: Okay, let's Create a special handshake.

Son: Yeah.

Father: High five.

Son: Fist bump.

Elbow tap.

Father: Let's write down the code.

On screen: Father writes on cards.

Son: High five.

Father: HF.

Son: Fist bump.

Father: FB.

Son: Elbow tap.

Father: ET.

Both: HF...FB...ET!

Father: Let's change it up.

Son: Yeah.

On screen: They change up the cards.

Selena: In coding, sequence matters. Changing the order gives you a different handshake.

Father and Son: FB...ET...HF!

Selena: You can expand the code by adding additional steps.

Son: Let's add a finger snap.

Father: FS...

Both: FB...ET...HF...FS. FB...ET...HF...FS.

Selena: You can create a loop by repeating the sequence, like making multiple sandwiches.

Father and Son: FB...ET...HF...FS.

Selena: Exploring sequencing prepares kids for a future with technology

On screen: Selena takes a bite of the PB and J sandwich.

Selena: Mmm...coding is delicious.

Text on screen: Selena's Pop-Up Science.

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