

# Put on a Show

## Entering Abstractopia!

It's a nice, sunny day in Abstractopia—perfect for some performances outdoors! Are you ready to get started? Before planning your show, Alon will teach you all about functions!

## What are Functions?

A **function** is a **set of actions** that accomplish a specific task. Let's make a quick stop at Alon's Deli in Abstractopia to learn more!



### Alon's Deli

At Alon's Deli in Abstractopia, Alon uses **functions** to make all kinds of sandwiches, from pesto-filled paninis to a classic club sandwich. But his most famous specialty is a scrumptious PB&J! Step into Alon's kitchen to learn how he makes his PB&J sandwich.



### In the Kitchen

Alon uses functions to remember how to make all of the sandwiches he sells. Below is Alon's function to make his famous PB&J sandwich!

*Tip:* Functions are actions, so your first word in the title should be a **verb**!

Write the **steps** necessary to accomplish our function

#### Make Alon's Famous PB&J Sandwich

Include a descriptive **title**

1. Take out two slices of fluffy bread
2. Spread crunchy peanut butter on one slice
3. Spread grape jelly on the other slice
4. Smash the two slices together—BAM!



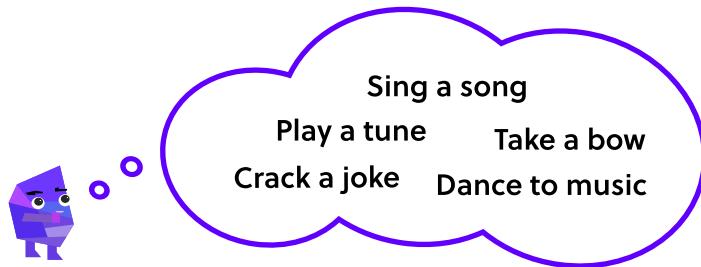
### Ta-Da!

After making his famous PB&J sandwich, Alon decides to eat one for lunch. It's the perfect mix of salty and sweet, no wonder why they're so popular around Abstractopia!

## Lights, Camera, Action!

Join Alon and his friends to create a performance for comedy, drama, anything you'd like!

Create your function with all of the steps you would take to put on a one-minute production (You will be performing this later!) Here are some of Alon's fan-favorite ideas to help you get started:



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And the curtain opens ... Perform your 1-minute production!