

## Exponential Explorations Demos Activity

### Description

Use this lesson to help students explore what the values of  $a$ ,  $b$  and  $c$  do to the graph of an exponential function.

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### Prep Work

Start a session of the activity.

<https://teacher.desmos.com/activitybuilder/custom/570049382552d9a8173b5de6>

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### Instructions

- **Pre Activity**

Have students go to [student.desmos.com](https://student.desmos.com) and create an account or sign in.

- **Activity**

You may want to pace the students a few screens at a time. As students finish a set of screens go over their responses to see if there are any misunderstandings.

- **Post Activity**

Review a few of the screens with the class using the teacher login.

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### Time Required

30-45 minutes

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