

## Modeling Quadratic Data Demos Activity

### Description

Use this lesson to help students practice finding quadratic models, and determining their domain and range.

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### Prep Work

Start a session of the activity.

<https://teacher.desmos.com/activitybuilder/custom/570e59c6fd1150550841bb9d>

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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 one screen at a time. As students finish a screen go over their responses to see if there are any misunderstandings. Discussing the different reasonable definitions of variables, models, and domain and ranges is an opportunity for students to see a variety of reasonable answers.

- **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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