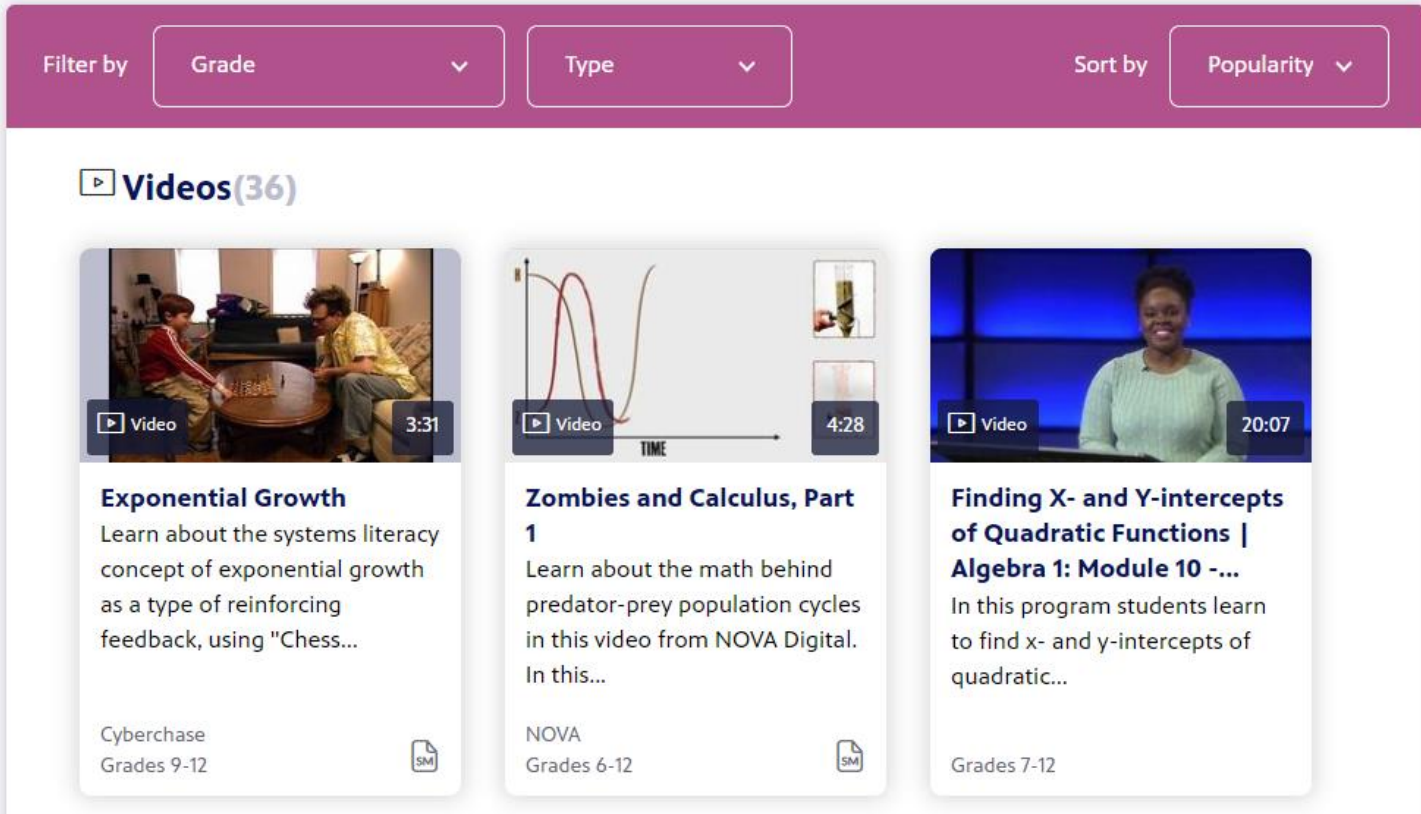


HS Functions

A function is the relationship between an input and an output. Resources in High School Functions encourage students to explore this relationship with an interactive Valentine's Day scenario, a Cyberchase video analyzes how quickly money can grow when exponential growth is applied, and Khan Academy resources can be used to review and assess concepts taught in High School Functions. Additional topics include linear, quadratic, and exponential models, periodic phenomena, and extending the domain of functions using the unit circle.

Topics and resources in the following areas:

- Interpreting Functions
- Building Functions
- Linear, Quadratic, and Exponential Models
- Trigonometric Functions



The screenshot shows a search results interface with a purple header. It includes filter buttons for 'Grade' and 'Type', and a 'Sort by' dropdown set to 'Popularity'. Below the filters, there is a section for 'Videos (36)'. Three video cards are displayed:

- Exponential Growth**: A video from Cyberchase (Grades 9-12) with a duration of 3:31. The description mentions learning about exponential growth using a chess game.
- Zombies and Calculus, Part 1**: A video from NOVA (Grades 6-12) with a duration of 4:28. The description discusses predator-prey population cycles.
- Finding X- and Y-intercepts of Quadratic Functions | Algebra 1: Module 10 - ...**: A video with a duration of 20:07. The description states that students learn to find x- and y-intercepts of quadratic functions.

Find 6-12th grade videos, lessons, interactive experiences, and printable activities:
<http://bit.ly/FunctionsPBSLM>

