



GED Test Preparation

Overview

The GED test covers 5 topics. This document is focused on math due to high student demand. Highschool Math covers many different topics, but high school students are usually fine because they are tested separately. The GED, however, tests them all at the same time and has word problems that are unintuitive. This makes them especially hard for people with learning disabilities, so the purpose of this document is two-fold. One, it will cover all of the basics for the concepts themselves as well as practice problems for them. Two, it will have examples of word problems so that they practice reading them.

This, alongside some organization so that they can practice on their own as well as some guidance so they can keep track of their process, should considerably improve their chances of success.

Student GED Account

If they have already taken an attempt at the GED test, which they usually will by the time you meet them, they probably already have an account on ged.com. You should check it there and see if you can find their scores, which should also tell you what areas they needed more practice on. If they have not taken the GED test yet, you can have them practice on the [official GED practice test](#), which is available for \$8 per attempt, has a time limit of 60 minutes, and gives you the topics you need to focus on, or have them take some free sample tests, such as the ones [here](#). This will provide a baseline on what to work on.

Plan & Concepts

Once you have the results, you should ask them when they plan to take the GED test. This will allow you to create and organize a plan to tackle all of the topics that they cover. Using the results, go through the suggestions given by GED and see what to focus on. Here is the official list of topics as well as some worksheets and resources to review with.

- Basic Math
 - Addition
 - Subtraction
 - Multiplication
 - Division
 - Fractions

The mission of NorthBridge is to provide support, resources, and guidance to students with learning differences as they transition to, persist, and succeed in their educational and vocational endeavors.

- [Adding Fractions Video](#)
- [Adding and subtracting Fractions](#)
- [Multiplying Fractions](#)
- [Dividing Fractions](#)
- Decimals
 - [Converting Fractions to Decimals](#)
 - [Converting Decimals to Fractions video](#)
 - [Converting Decimals to Fractions Practice](#)
- Percentages
 - [Percentage of a Whole Number](#)
 - [Percentage Problems](#)
- Roots
 - [Video of square root](#)
- Exponents
 - [Exponents Problems](#)
- Very important: you need to know how to perform math operations based on word problems.
 - [Practice test from GED with word problems](#)
 - [Examples of Word Problems with Solutions \(scroll down to the section named "Your Turn!"\)](#)
 - [Test Prep Toolkit problems with a check answers button.](#)
- Geometry
 - Formulas relating to shapes and objects.
 - [Pythagoras Theorem](#)
 - Surface area
 - [Area of a Circle](#)
 - [Area of a Triangle](#)
 - [Area of a Rectangle](#)
 - Volume
 - [Volume of a rectangular prism](#)
 - [Volume of a cylinder](#)
 - [Volume of a pyramid](#)
 - Radius and Diameter
 - [Radius and Diameter Practice](#)
- Basic Algebra
 - Be able to determine the value of a variable in an equation. Also, you should understand how to write a formula with a variable in it based on a word problem.
 - [Making an equation from a word problem practice](#)



- Foiling
 - [Easy](#)
 - [Hard](#)
- Solving for X
 - [X's on both sides](#)
- Graphs and Functions
 - Know how to read and analyze information in graphs and charts.
 - [Plotting Points](#)
 - [Bar Graphs](#)
 - [Graphing Equations](#)
 - [Number Lines](#)
 - Data put into tables
 - [Reading Tables Problems](#)
 - Median, Mean, and Mode
 - [Median, Mean, and Mode](#)
 - Range
 - [Range Video](#)
 - Probability
 - [Simple Probability](#)
 - Statistics

GED Accommodations

Accommodations for the GED test can also be given. Once you're approved for them, you have a year to take the GED test while they apply. While the accommodations vary per person, they can include extra testing time, more breaks, as well as a personal testing room. We definitely recommend that you apply to it [here](#).

Accommodations can be extremely helpful and we always recommend that everyone who can apply to them does so. You are being tested on your knowledge, not your ability to concentrate in a room filled with other people or to calm down and refocus in a certain amount of time. If you have struggled with testing anxiety in the past, be sure to submit one of the applications!



GED Alternative

There is also an option to take some college courses instead of the GED test. This is called the [College Credit Pathway](#) and it involves taking 25 credits of college courses and passing the AZ civics test. While this might not be as appealing to someone who only has to pass math, it is definitely an easier experience since they do not have to cram everything for one test. Make sure to mention it to the students so they know what options they have available!