

Unit 04 - The Normal Distribution

Content Area: **Math**
Course(s): **Prob/Stat A**
Time Period: **Semester 2**
Length: **4 weeks**
Status: **Published**

Unit Introduction

Standards

MA.S-ID.A.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that there are data sets for which such a procedure is not appropriate. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.

Essential Questions

Content

- Lesson 1 - Properties of Normal Distributions
- Lesson 2 - Finding Area Under a Normal Distribution

Skills

- Identify distributions as symmetric or skewed
- Understand the properties of the normal distribution
- Use the normal distribution as a model for measurements