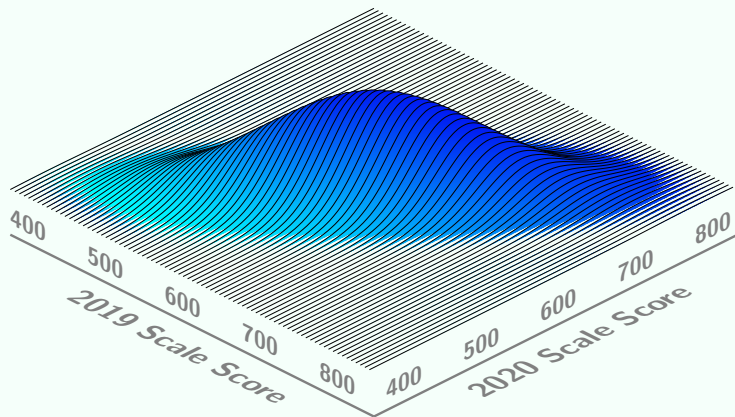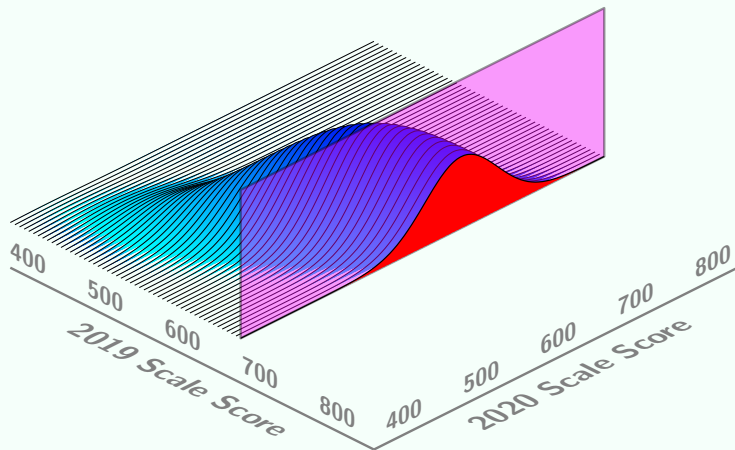## What is an Academic Peer?

The New Hampshire Growth Model measures student growth by taking account of where a student starts and uses NECAP results for all New Hampshire students in a given content area and grade to quantify each student's annual progress. The resulting metric is called a **student growth percentile**. Similar to height and weight percentiles used to describe the relative height and weight of an infant as compared to other infants of the same sex and age, a student growth percentile describes the relative academic growth a student made compared to other students with the same achievement history—their **academic peers**. Academic peers are not an actual set of students but are constructed using all the state's data. The following slides illustrate what an academic peer group is and the way that student assessment data is used to create a student growth percentile.
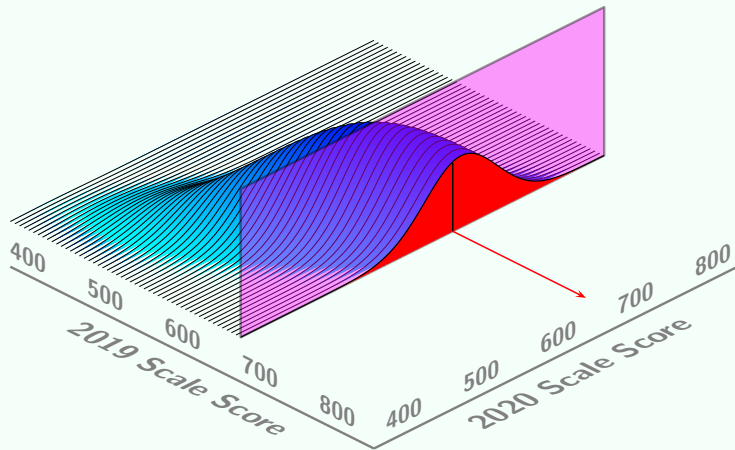
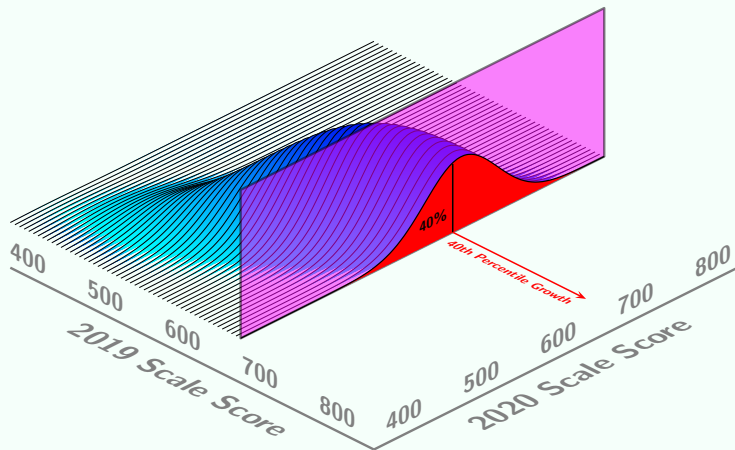# Two Years of Test Scores: The Simplest Case
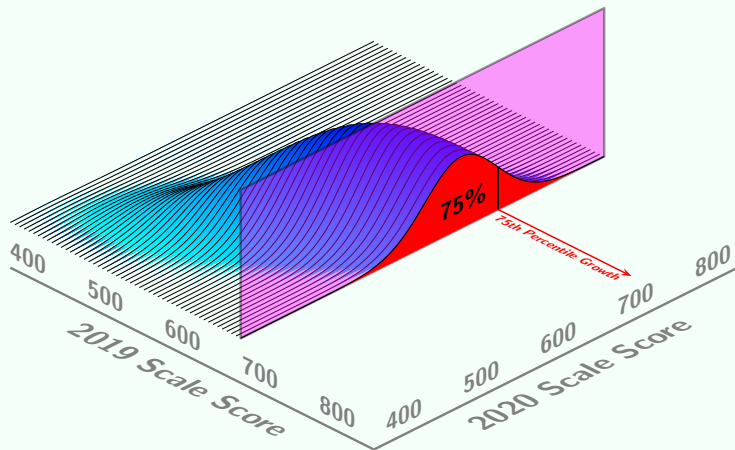
Accounting for where a student starts

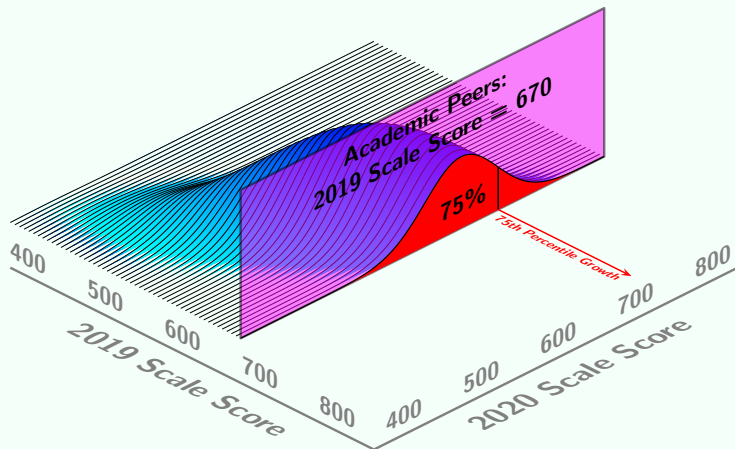# Identifying relative growth

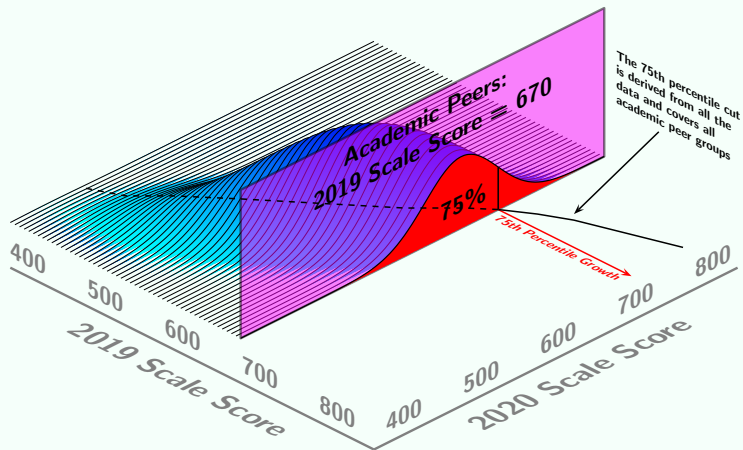# A Student Growth Percentile of 40
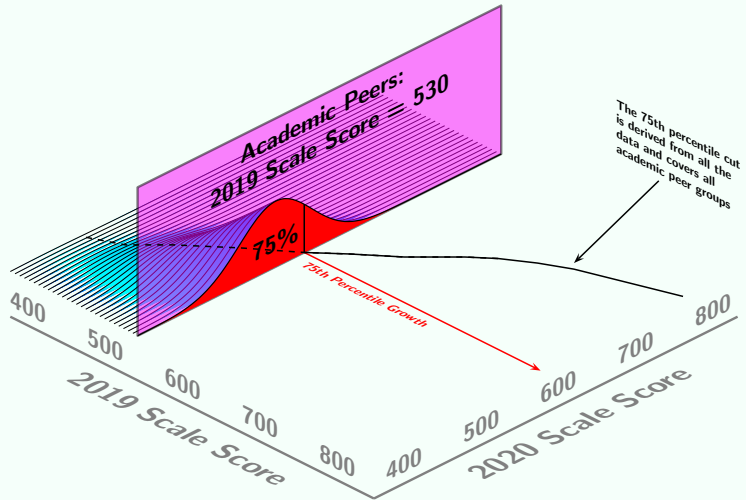
A Student Growth Percentile of 75

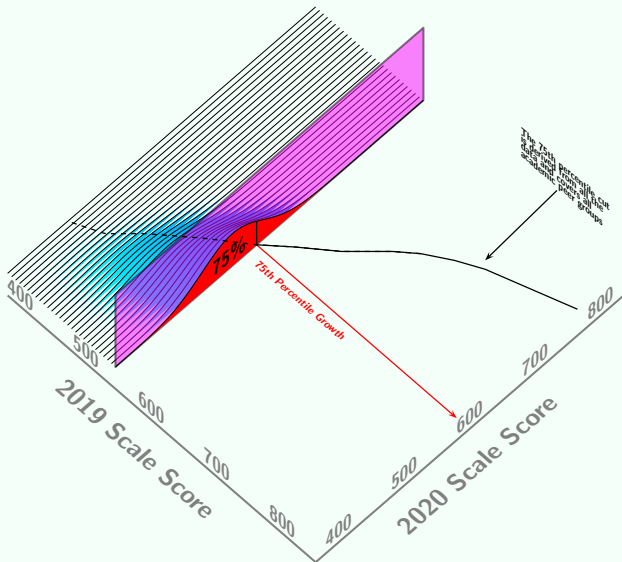# Academic Peers start from the same place

All data is used to determine a student growth percentile

All data is used to determine a student growth percentile

Low & High Achieving students demonstrate growth

Low & High Achieving students demonstrate growth