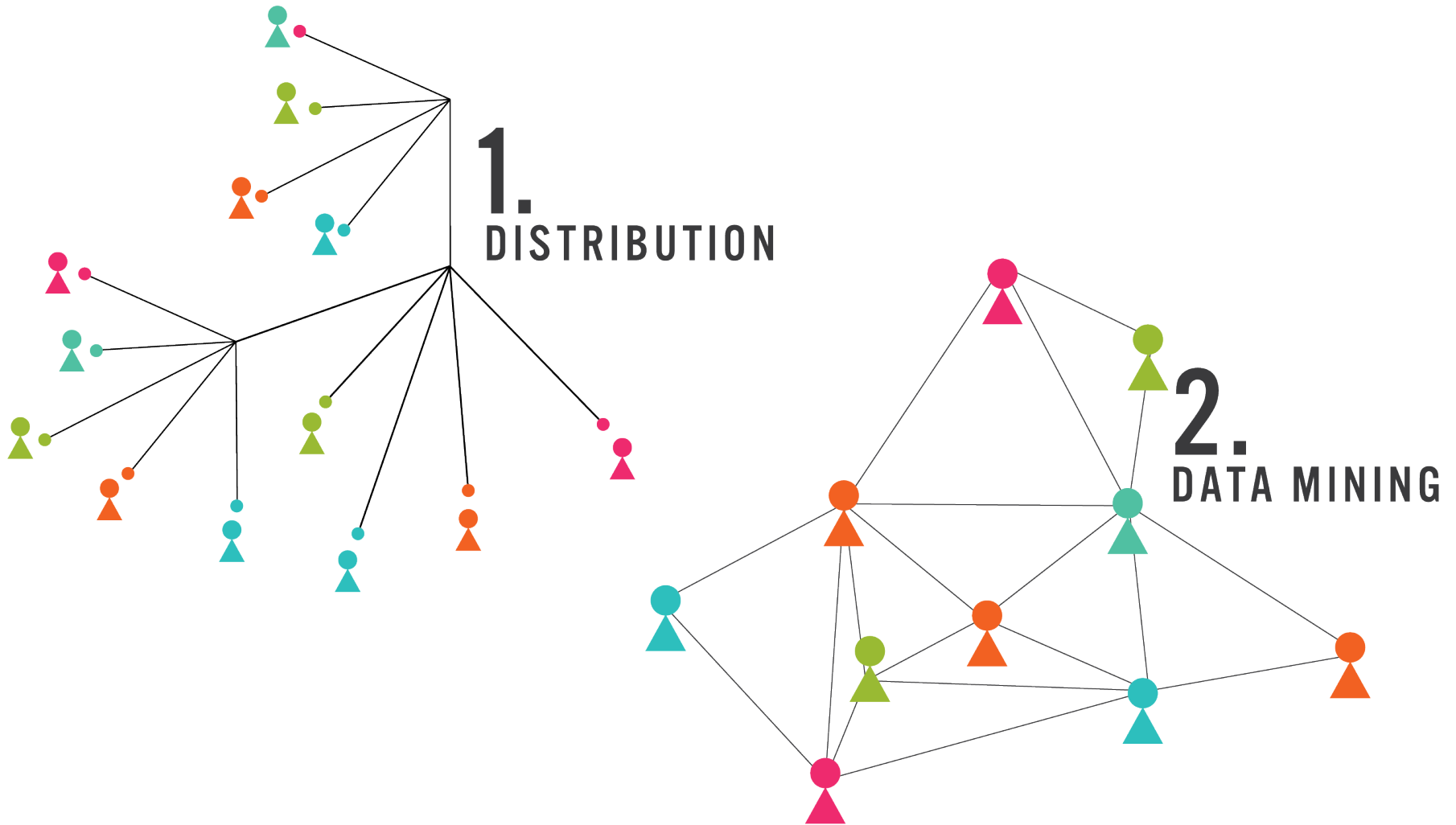




KNEWTON

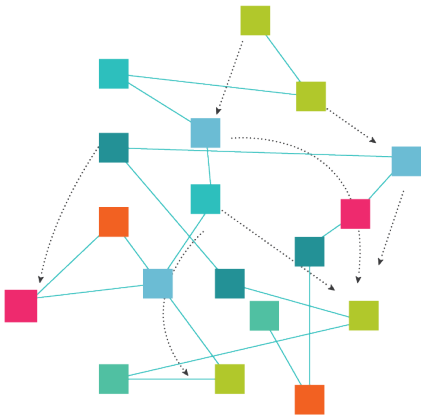
# The internet does two things really well



# Knewton has built the infrastructure to make this data actionable

## 1 Data Collection

Enables Knewton's API to **process, norm, and analyze huge amounts of data**



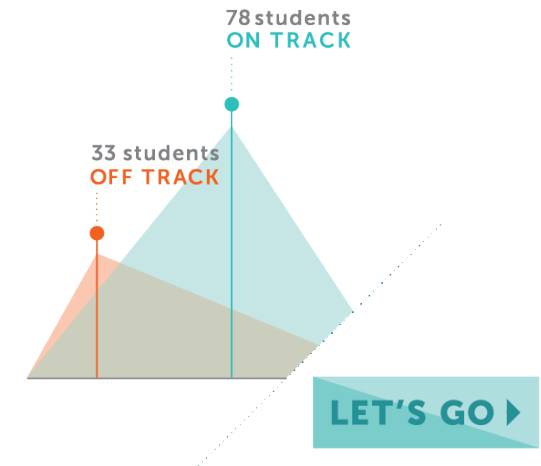
## 2 Inference

Generates **insight from event data** and allows Knewton to target and predict



## 3 Personalization

Empowers with **real-time model-driven insight**, driving recommendations and actionable analytics



# Personalization

Recommendations  
& Inferred Metrics

RECOMMENDED

# FACTORS AND MULTIPLES



WARM UP

# Let's continue!

**This lesson is from**

The number system ?

Available lessons ?

1

2

[Intro to Algebra \[4\]](#) > [Back to Gradebook](#)[Previous Student](#)Meghan Daniels - [Email Student](#)[Next Student](#) ➔

## Study Plan

You have earned **26** of **337** mastery points (MP).[View progress](#)

Practice these objectives and then take a Quiz Me to prove mastery and earn more points.

### What to work on next

#### 1.2 Symbols and Sets of Numbers

**Review:** Identify natural, whole, integers, rational, irrational, and real numbers.

[Review](#)[Quiz Me](#)**1 of 1 MP**

#### More Objectives to practice and master

[View all chapters](#)

#### 1.4 Exponents, Order of Operations, Variable Expressions, and Equations

Define and use exponents and the order of operations.

[Practice](#)[Quiz Me](#)**0 of 1 MP**

#### 1.5 Adding Real Numbers

**Review:** Solve application problems that involve addition of real numbers.

[Review](#)[Quiz Me](#)**1 of 1 MP**

#### 1.7 Multiplying and Dividing Real Numbers

Vocabulary and Readiness Check

[Practice](#)[Quiz Me](#)**0 of 1 MP**

Video Check

[Practice](#)[Quiz Me](#)**0 of 1 MP**

### Recently mastered

#### 1.5 Adding Real Numbers

Video Check

**1 of 1 MP**

Standards

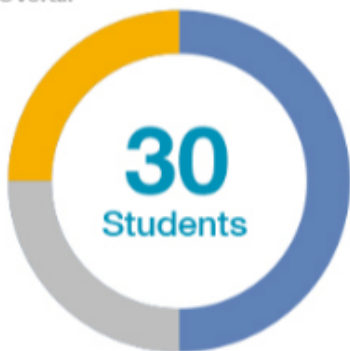
Standards

National Common Core

A-SSE

### Pace Toward Completion

Class Overall



**30**  
Students

Breakdown

- Behind 7 Students
- On Pace 8 Students
- Ahead 15 Students

Last Updated 01-Mon-2014, 04:58 EST

### Expected Score

**79%**

Change in Last 7 days

**↓2%**

Last Updated 01-Mon-2014, 04:58 EST

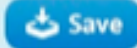
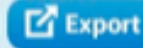
### Students to watch

Student	Active time
Williams, Pualene	0h2m
Cummings, Will	0h3m
Bryant, Cho	0h10m
Simmons, Eric	0h20m
Smith, Lawrence	1h3m
Billings, Laura	1h4m
Montrose, Henrique	1h5m

Last Updated 01-Mon-2014, 04:58 EST

# Loudon Middle School

Find Teacher, Student or Class



Standards ▾

Assignments ▾

Students ▾

Open Saved Report

Grade 3 Math Mrs. Zbornak... ▾

Current School Year ▾

Compare to School ▾

Teachers ▾

## Francisco Martinez

Grade 3 English: Mrs. Zbornak

### Estimated Skills Proficiency



- Minimal 49%
- Partial 28%
- Basic 15%
- Proficient 11%
- Advanced 3%

**23%** (class average)  
Proficiency and Above

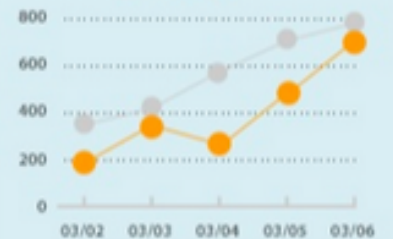
### Assignments



- Behind 49%
- On Track 28%
- Ahead 15%
- Completed 11%

**3** (class average)  
Assignments completed

### Activity



Avg active student time per week: **↑ 1hr 40 min**

Total active student time (this school year): **90hr 40 min**

**1hr 40mins** (class average)  
Active time per week

Grade 3 Math: Mrs. Black

### Estimated Skills Proficiency

### Assignments

### Activity



# Loudon Middle School

3rd Grade | 4th Grade | 5th Grade | 6th Grade | 7th Grade | 8th Grade

Find Teacher, Student or Class

Select start date ▼

Last updated: Today 13:56 Refresh

## CLASSES TO WATCH

5	Struggling
3	Excelling
3	Top Movers

## STUDENTS TO WATCH

25	Struggling
5	Excelling

## TEACHER ACTIVITY

### School Skill Proficiency

- Proficient Skills 500
- Open Skills 600
- All Skills 3,000

GRADE 3 45 Open



GRADE 4 55 Open



GRADE 5 95 Open



GRADE 6 115 Open



GRADE 7 150 Open



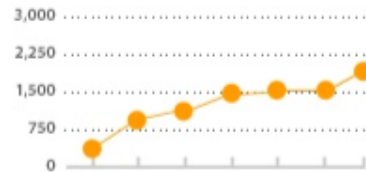
GRADE 8 140 Open



### Student Responses

2,300 Responses

↑ 155.5% increase



### Teacher Assignments

600 Responses

↑ 30.72% increase



### Standards Proficiency

330 Student Standards below Proficient

↓ 20% decrease

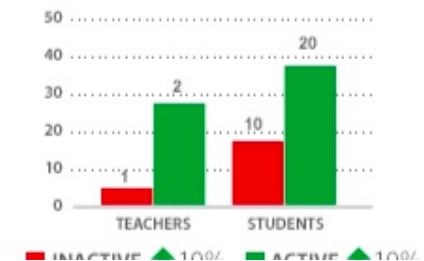
#### English



#### Math



### Activity



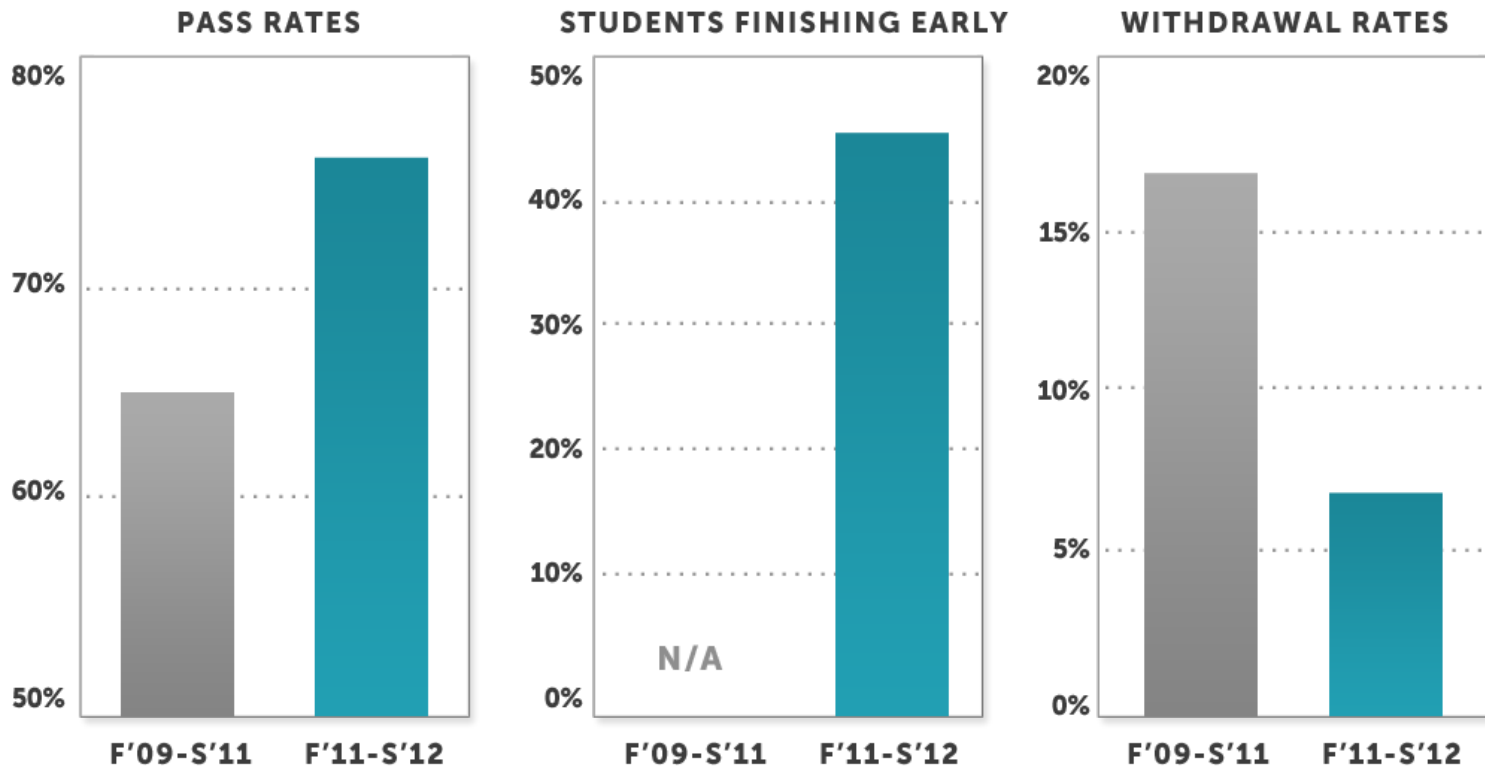
# Demonstrable Results



BEFORE KNEWTON

10,000 new students every fall at ASU, 2,300 students fail to place into 1<sup>st</sup> year math

WITH KNEWTON



**PROJECTED: 12M IN NON-LOST TUITION**