

# Math Program Review: Monthly Update July, 2019



# Three Phases of Math Improvement

---

Phase 1: (Current - August, 2019)

Curriculum Improvements

Support for 8th Grade Students

Professional Development

Phase 2: (September, 2019 - August, 2020)

Complete Needs Assessment

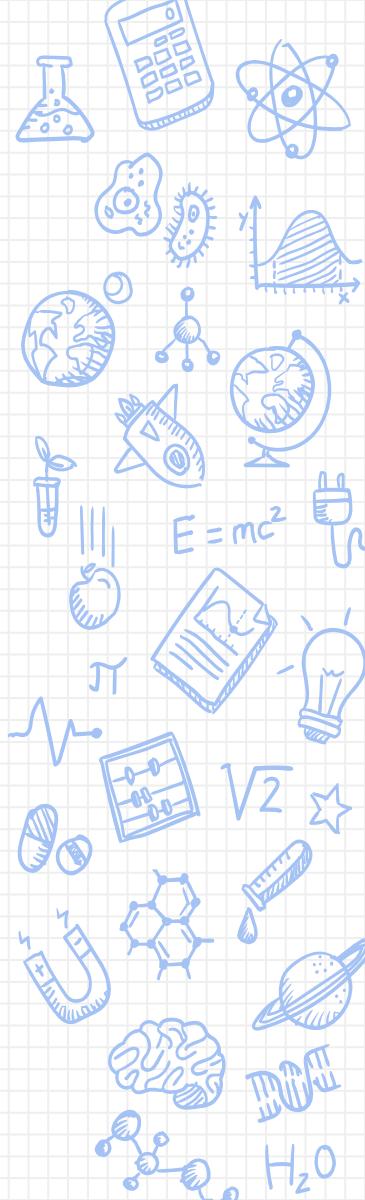
Source Curriculum to Meet Needs

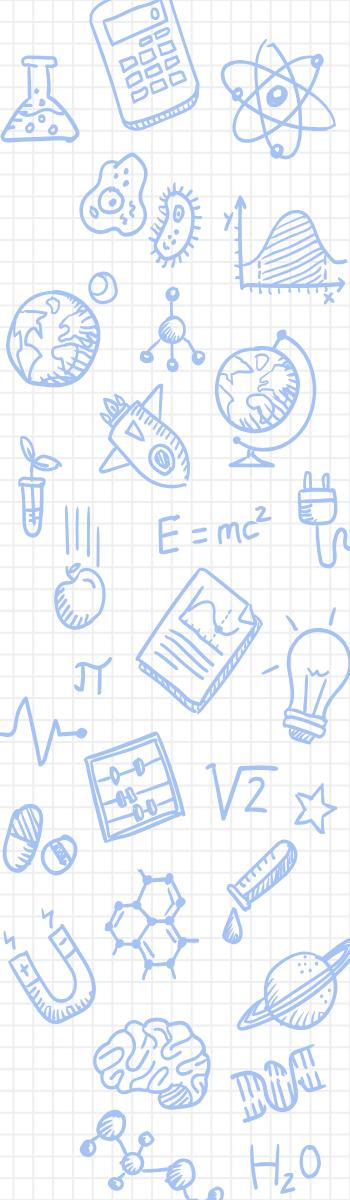
Train Teachers

Phase 3: (August, 2020 - June, 2021)

Implement New Curriculum

Assess Effectiveness

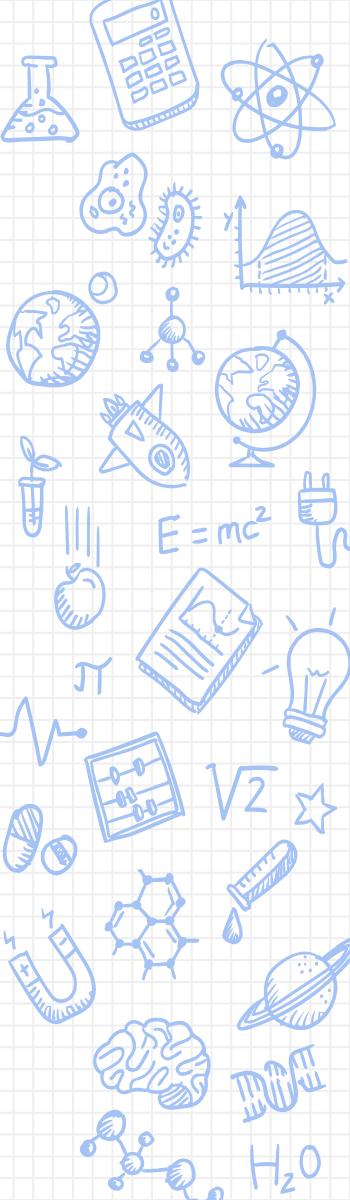




## Phase 1 Work Plan: April - August, 2019

---

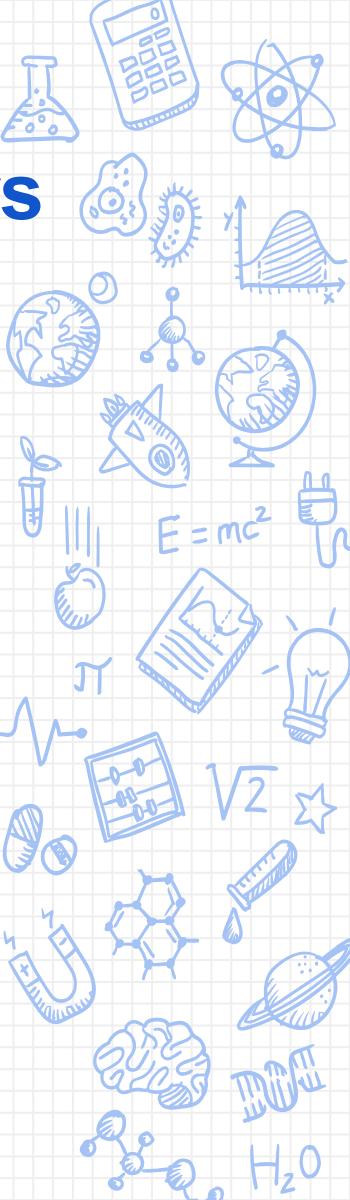
1. Analyze and Revise Pacing Calendars
2. Revise Assessments
3. Address Homework
4. Inform Parents About Progress
5. Provide Support for Current 8<sup>th</sup> Graders
6. Offer Professional Development



## Status of Activities in Phase 1 Work Plan

Each activity is coded:

- ✓ = completed
- = underway
- = planned



# Analyze and Revise Pacing Calendars

## Elementary

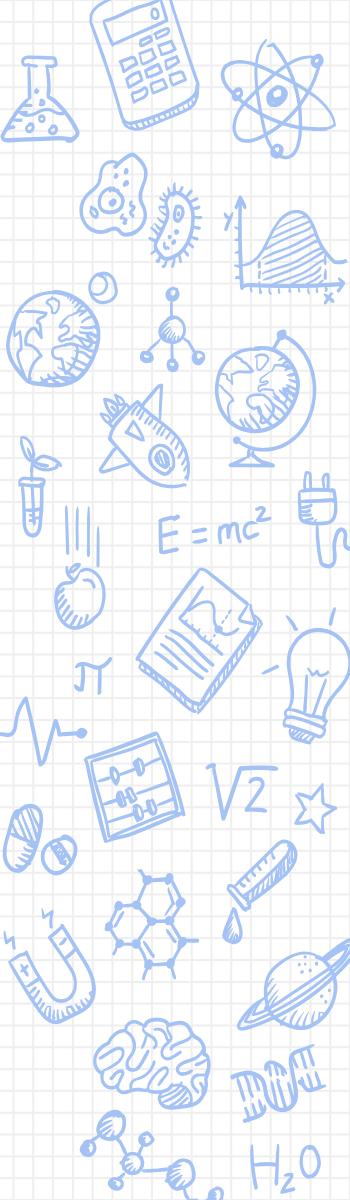
- ✓ Revised drafts will be completed by math interventionists led by consultant Kristen Clegg (May 20 – 24)
- ✓ Teacher representatives will provide feedback on revised draft in June
- ✓ Revised calendars ready for Day 1 of next school year

## Junior High

- ✓ Math Instructional Specialist will lead this work with junior high teachers in July and August
- ✓ Revised timelines ready for Day 1 of next school year

# Revise Assessments

---



## Elementary

- ✓ Revised drafts of summative assessments will be completed by math interventionists led by Kristen Clegg (May 20 – 24)
- ✓ Teacher rep feedback on revised draft in June
- ✓ Revised assessments ready for Day 1 of next school year

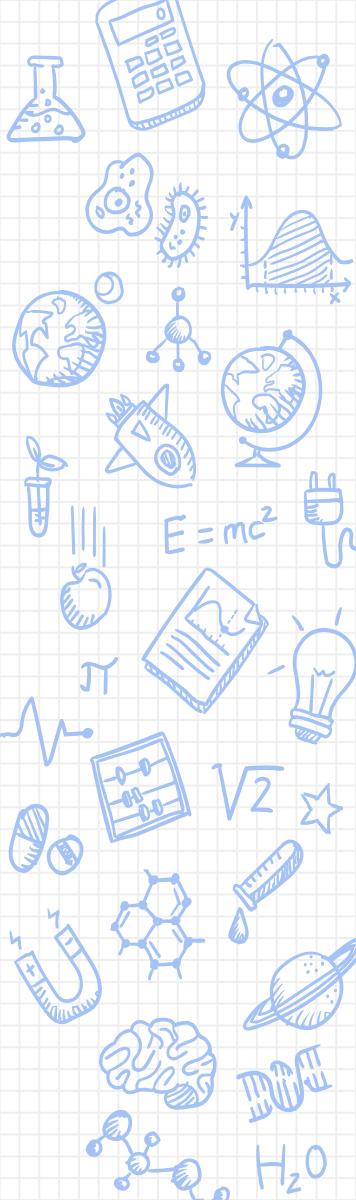
## Junior High

- Math Instructional Specialist will lead this work with junior high teachers in July and August
- Revised assessments ready for Day 1 of next school year

# Homework

## Elementary

- ✓ Task force in May to define purpose and guidelines for elementary homework
- ✓ Teacher representatives will create a math homework bank in June and July for teachers to access throughout the school year



# Informing Parents

---

## Elementary and Junior High

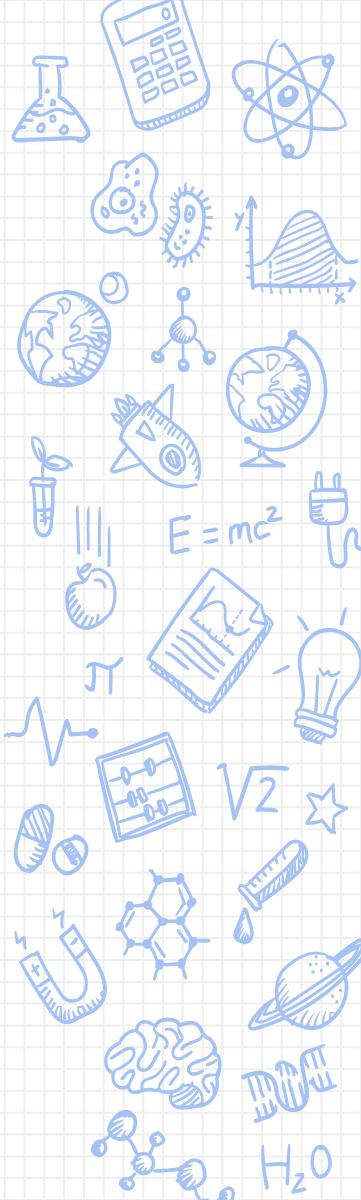
- ✓ NWEA Administration in mid-May
- ✓ Results sent to parents with our cover letter; “Office hours” for parents with questions in June or August

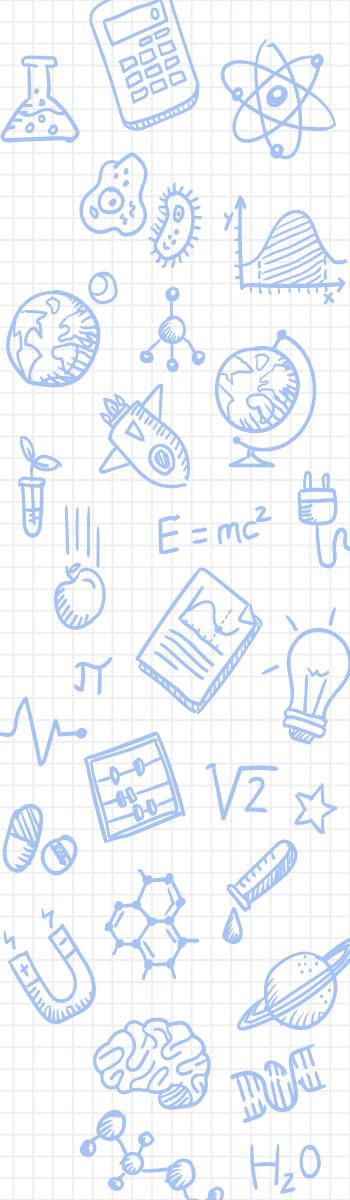
## Elementary

- Teacher representatives will create parent letters to be sent home before every unit
- Homework will be used to communicate what students are learning

## Junior High

- PSAT Training for teachers in August
- PSAT Parent workshop in September





# Support for Current 8th Graders

## Support at NBJH

- ✓ Math support to reinforce skills and further develop mastery of the standards in the Core Math curriculum
  - Small group support two times per week during X-Block
  - ALEKS, an online math program

## Support at GBN

- ✓ Introduction to Algebra, a 3-week summer course, during Session 1 of summer school. Introduction to Algebra is available to all GBN incoming freshmen that are registered for Algebra G 163.

# Professional Development

---

- Kristen Clegg, math consultant and trainer
- ✓ Math Instructional Specialist
- Tap into expertise of our own teachers, math interventionists, gifted and talented teachers
- Summer professional development catalog: 13 math sessions
- Participation on the work teams strengthens our professional expertise
- ❑ Support for teachers' learning team time to do impact work

