

# Middle School Math

Curriculum Adoption

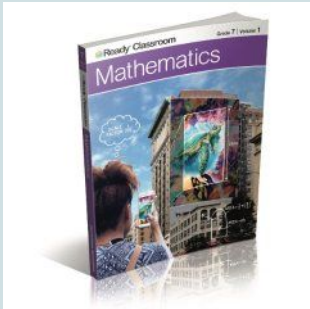


## Summer 2022: Prepare

- Summer Meeting - Review Possible Adoption
  - Representation from middle schools.
  - Staff compared Ready Math Curriculum and Reveal Curriculum
  - Choice to purchase another year of Ready Math or pilot Reveal.

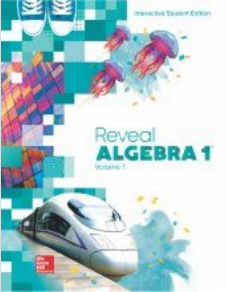
# Ready Math

## Pros and Cons as identified by committee.

Pros	Cons
<ol style="list-style-type: none"><li>1. Quantile score for Diagnostic test</li><li>2. Service was excellent</li><li>3. Online teacher component was user friendly.</li><li>4. Listened to teacher feedback.</li><li>5. Stong on EdReports</li></ol>  The image shows the front cover of a textbook titled 'Ready Classroom Mathematics'. The cover features a colorful illustration of a city street scene with a large building, a car, and a person. The title 'Ready Classroom Mathematics' is prominently displayed at the top in a stylized font. The background is a mix of purple and blue hues.	<ol style="list-style-type: none"><li>1. Loss of instructional time through lengthy diagnostic test</li><li>2. Dry curriculum</li><li>3. No online component for lessons.</li><li>4. Ineffective powerpoints and digital media</li><li>5. Curriculum assumes students mastered previous content.</li><li>6. Limited fluency practice.</li><li>7. Only designed for gradual release of responsibility.</li><li>8. Not easily adaptable for ELL and GT's</li><li>9. No accelerated program.</li></ol>

# McGraw Hill: Reveal Math

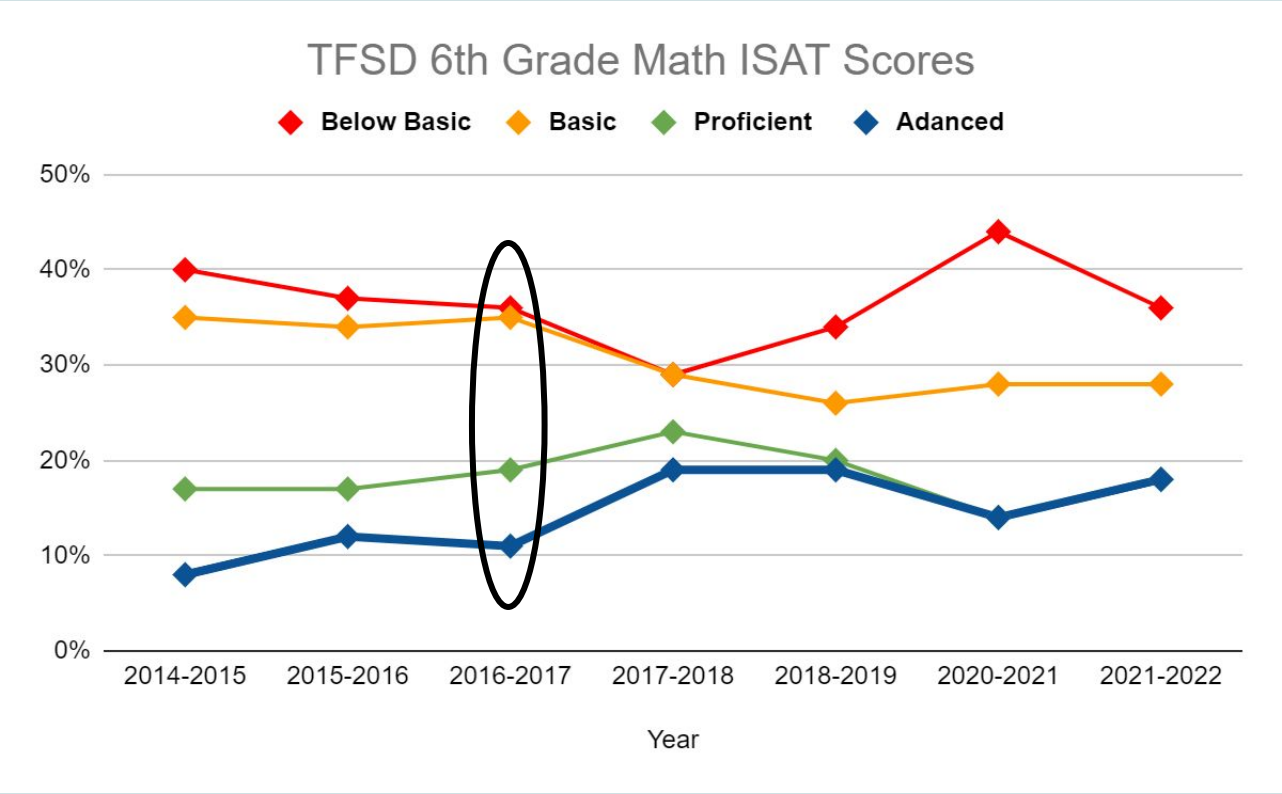
## Pros and Cons as identified by committee.

Pros	Cons
<ol style="list-style-type: none"> <li>There is a strong online component.               <ol style="list-style-type: none"> <li>Easy to navigate</li> <li>Can add content to student boards and individualize it as needed.</li> <li>Benchmark tests, EOC, assessments for each module</li> <li>Spiral reviews, tutorial videos</li> </ol> </li> <li>The ALEKS assessment creates an individualized learning path for each student on grade level content.</li> <li>There is a lot of differentiation: on learning, beyond learning, ect.</li> <li>ISAT type questioning and integrated with Desmos.com.</li> <li>Assessments are editable but not shareable.</li> <li>Each Module has a comprehensive summary and practice test in the consumable book online.</li> <li>Aligns with Idaho State Standards.</li> <li>Strong on EdReports</li> </ol>	<ol style="list-style-type: none"> <li>Students will have to have an additional notebook to do their work.</li> <li>The books lack durability</li> <li>Strict copyright.</li> <li>Online interface is complicated.</li> </ol> 

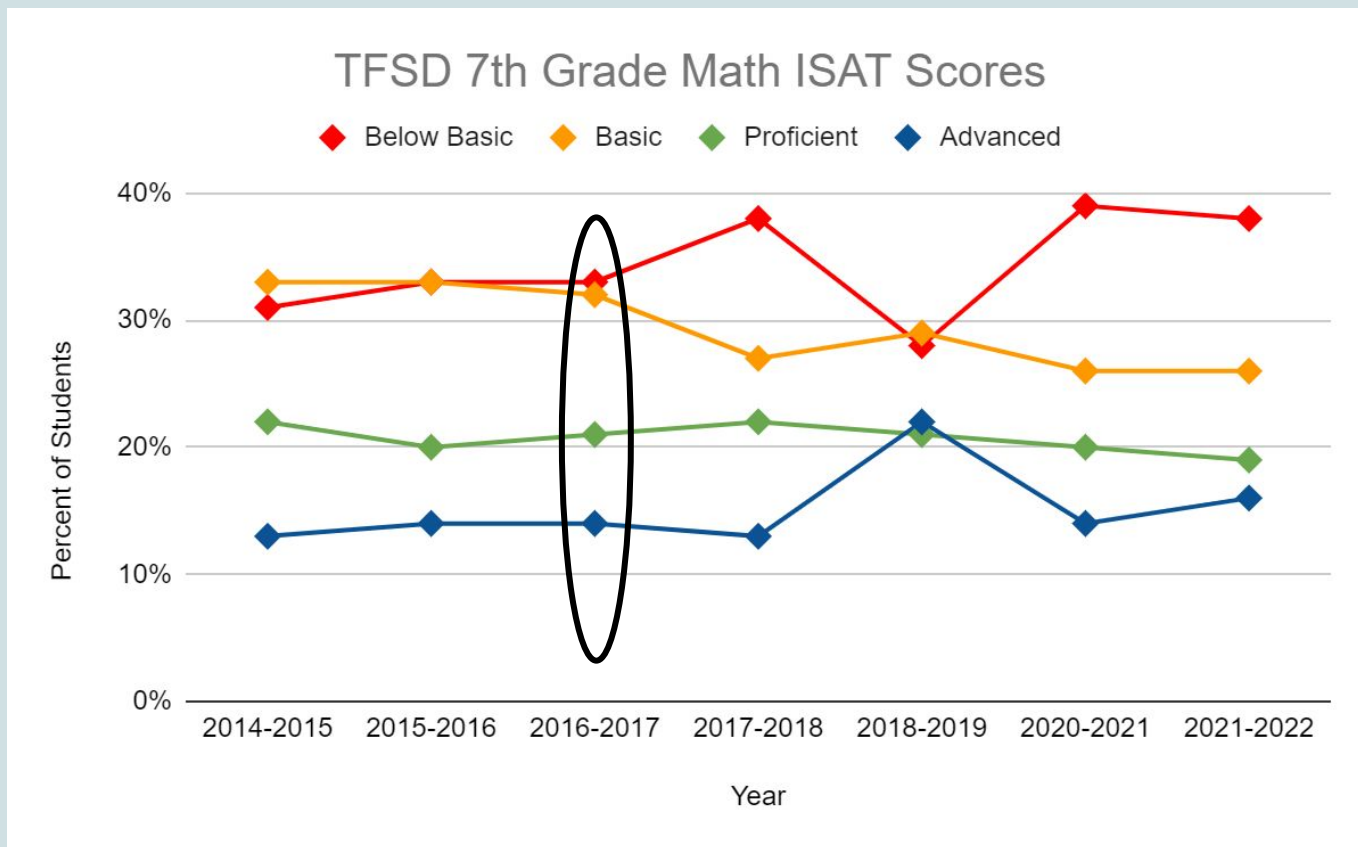
# Reasons for piloting Reveal with ALEKS

- Vertical alignment with high school.
- Ready Math extremely different from High School curriculum
- Reveal has a strong online component
- Ready Math is not grade level appropriate
- Not user friendly or time conscientious to student learning
- iReady Diagnostic loss of 12 days of instructional time.
- Students' were resistant to Ready Math's online component iReady.
- Online combination with ALEKS
- Online mathematical support for students of the all ability levels.
- Students achievement data showed little growth.
- Overall agreement that Ready Math wasn't suited for our district needs.

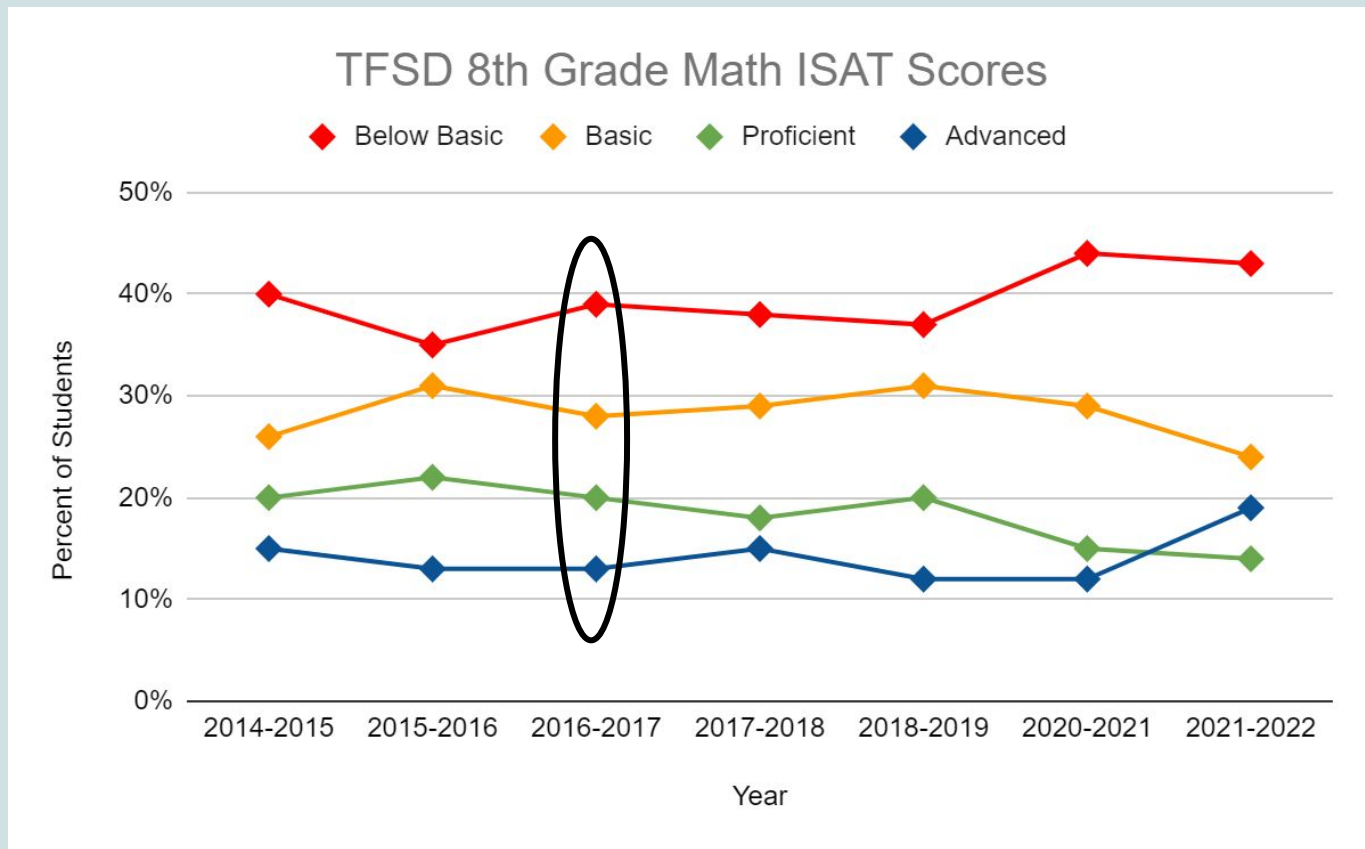
# 6th Grade ISAT Data



# 7th Grade ISAT Data



# 8th Grade ISAT Data





# School year 2022-2023: pilot

- Every middle school classroom
- Lens of the pilot process
  - Structure of book. ( Usability)
    - Book has guided notes
  - How does the book's questioning style compare to the ISAT and the standards? ( Rigor and Mathematical Practices)
  - How are the topics connected within the book? (Scopes and Sequence)
    - Meets Idaho State Standards
  - What kind of online resources are there? ( Usability)
    - Can be translated into any language online.
    - Connectivity with LMS
  - Formative and Summative Assessments. ( Usability)
    - Timely and specific feedback.
  - Resources for ELL SPED, and GT students? ( Usability)
    - Different assessments for all subgroups

# January 2023: Staff Decision

LT Erikson met with every middle school math department.

- Staff voted to move forward with adoption process.
- Staff like the instant feedback on Reveal online platform.
- The curriculum is standards based.
- Instruction is easy to differentiate.
- Resources for all level of learners, including GT, EL, and SPED.

# **Adoption Meeting with Staff and Parents**

## **April 6, 2023**

- Parents: Sheri Hitton, Kristy Custile, Kyle Poppleton
- Staff: Marion Johnston, Samantha Mauch, and Rachel Hardy

### **Parent Feedback**

- Liked the vertical alignment with the high school math curriculum.
- Really liked the curriculum supports for IEP, EL , and GT students.
- Are curious to see if there are improvements on achievement tests.

### **Parent and Staff Committee**

- Unanimous agreement to adopt Reveal Curriculum for the middle schools.

# Suggested Next Steps

- Order curriculum based on enrollment projections.
- Action plan for implementation
- Create an ongoing professional learning plan
  - Short and long term professional development
- Assign site leaders who can provide additional training , when needed.