## Algebraic Reasoning
### Year at a Glance 2020-21

**New Braunfels ISD**

**Essential Resources**

**Spiraled TEKS**

### District Resources to Teach 100% of the TEKS located in the NBISD ECourse Resources

**Algebraic Reasoning Online Textbook**

**Link to TEKS:** [https://tea.texas.gov/curriculum/teks/](https://tea.texas.gov/curriculum/teks/)

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### Algebraic Reasoning Mathematics

#### 1st Quarter
- **Unit 1:** Equations and Inequalities
  - Current Grade: AR.2A, AR.2B

#### 2nd Quarter
- **Unit 4:** Describing Linear Functions
  - Current Grade: AR.4A, AR.4B

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### 3rd Quarter
- **Unit 7:** Polynomial Operations
  - Current Grade: AR.4A, AR.4B

### 4th Quarter
- **Unit 12:** Radical Functions and Equations
  - Current Grade: AR.3A, AR.3B, AR.3C

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### Timeline

<table>
<thead>
<tr>
<th>1st Quarter</th>
<th>2nd Quarter</th>
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<tbody>
<tr>
<td>Aug 24 - Oct 16, 2020 (38 Instructional Days)</td>
<td>Oct 19 - Dec 18, 2020 (40 Instructional Days)</td>
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### Current Grade


### Previous Grade: Geometry

- All TEKS from previous course necessary for success in Algebraic Reasoning were fully taught in the previous course, even with COVID-19 Remote Learning.

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### Process Skills Embedded in All Lessons

6.1(A) apply mathematics to problems arising in everyday life, society, and the workplace

6.1(B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution

6.1(C) select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems

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### TEKS

- **AR.4A, AR.4B**, **AR.4C, AR.4D, AR.4E**
- **AR.2A, AR.2B**
- **AR.3A, AR.3B, AR.3C**