



## Marietta City Schools District Topic Planner

*Fifth Grade*

<b>Topic Title</b>	<i>Topic 2: Use Models and Strategies to Add and Subtract Decimals</i>	<b>Unit duration</b>	<i>10 days</i>
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### Big Idea: Numbers Base Ten - Adding and Subtracting with Decimals

[Georgia Standards of Excellence](#)

- **5.NBT.4** Use place value understanding to round decimals up to the hundredths place.
- **5.NBT.7** (addition and subtraction only) **Add, subtract, multiply, and divide** decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

■ Major work of the grade   □ Supporting standard   ● Additional standard

### Informational Links

[GSE Unit 2 Frameworks: Adding and Subtracting with Decimals](#)

[MCS Math Instructional Framework](#)

[MCS Math Instructional Framework with Resource Guidance](#)

### About the Math

[GaDOE: Grade 5 Standards Overview Document](#)

[GaDOE: What Do Standards Look Like in Fifth Grade?](#)

## Topic 2: Learning Resources

### 5.NBT.4, 5.NBT.7

Lesson Number/Task/Module	Lesson	Lesson Description	Standards Addressed
Savvas 2-2	Estimate Sums and Differences of Decimals Savvas pp.49-52	Students use rounding or compatible numbers to estimate sums and differences.	5.NBT.4 5.NBT.7
Supplemental 2-2	<a href="#">Shopping Spree</a>	Students use estimates to consider shopping spree purchases before selecting to round the differences prior to making the purchase.	5.NBT.4 5.NBT.7
Savvas 2-3	Use Models to Add and Subtract Decimals Savvas pp.53-56	Students model sums and differences of decimals.	5.NBT.7
Supplemental 2-3	Modeling Addition with Base-Ten Blocks and Grids MIP Module 5 pp.107-109	Students will visualize the addition process and emphasize the important concept that tenths are added to tenths and hundredths are added to hundredths.	5.NBT.7
Supplemental 2-3	Modeling the Subtraction Process MIP Module 5 pp.107-109	Students will use base-ten blocks or other models to visualize the subtracting tenths from tenths and hundredths from hundredths.	5.NBT.7
Savvas 2-4	Use Strategies to Add Decimals Savvas pp.57-60	Students add decimals to hundredths using familiar strategies, such as partial sums.	5.NBT.7
Supplemental 2-4	<a href="#">Sum with Decimals</a>	Read, write, and compare decimals, add decimals to the hundredth place and use concrete models to represent decimals. Grids used.	5.NBT.7

Savvas 2-5	Use Strategies to Subtract Decimals Savvas pp.61-64	Students subtract decimals to hundredths using familiar strategies, such as partial differences.	5.NBT.7
Supplemental 2-5	<a href="#">Decimal Subtraction Spin</a>	Students practicing subtracting decimals.	5.NBT.7

### Additional Resources

#### 5.NBT.4, 5.NBT.7

Standards Addressed	Lesson	Lesson Description
5.NBT.4	<a href="#">GaDOE Performance Task Batter Up</a>	In this task, students will construct a bar graph showing the batting averages of Atlanta Braves baseball players and answer questions about the data. They will order, compare, and round the decimals in the problem.
5.NBT.7	<a href="#">GaDOE Culminating Task-Check This</a>	Students use real life scenarios using a checkbook register.

### Assessment Resources

#### 5.NBT.4, 5.NBT.7

Type	Location	Assessment Description	Standards Addressed
Formative	MCS Mini	Students solve problems in which they round decimals.	5.NBT.4
Formative	MCS Mini	Students solve an extended response problem using a self-selected strategy.	5.NBT.7
Formative	MIP Module 3 pp. 110-112	Students estimate the sum and explain their estimate, and then calculate the sum and explain it.	5.NBT.4 5.NBT.7
Summative	Savvas Topic Assessment TE pp. 73-74	Students will use strategies to add and subtract decimals. Digital or print form available through Savvas platform. Use MDIS to support student needs through data.	5.NBT.4 5.NBT.7
Summative	Savvas Topic Performance Task TE pp. 75-76	Students will use a real-life scenario to add and subtract decimals using video game scores.	5.NBT.4 5.NBT.7

