**6th Grade Independent Study Qtr 1**

\*\*Don’t forget the **TUSD GATE** curriculum supplements listed [**HERE**](https://tusd1.sharepoint.com/sites/CIPDA/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fCIPDA%2fShared%20Documents%2f4%2e0%20Teacher%20Review%20Documents%2fMath%2f1st%20Quarter%20Curriculum%20Supplement%20Documents%2f5th%20Grade%20Quarter%201&FolderCTID=0x012000AE4F5777D409C445A042A10C587506A8) **(grade 5)** **and** [**HERE**](https://tusd1.sharepoint.com/sites/CIPDA/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fCIPDA%2fShared%20Documents%2f4%2e0%20Teacher%20Review%20Documents%2fMath%2f1st%20Quarter%20Curriculum%20Supplement%20Documents%2f6th%20Grade%20Quarter%201&FolderCTID=0x012000AE4F5777D409C445A042A10C587506A8) **(grade 6)** for the Math Standards needed. Those are further opportunities for activities, exploration ideas, games, lessons, questions/assessments, and projects that can include peers.\*\*

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|  | **Eureka** | **LearnZillion** | **Khan Academy** | **Other Resources** |
| **Assessment** | **Grade 5, End-of-Module 1** |  |  | **Investigations & www** |
| **Topic** | **Decimal Place Value** |  |  |
| Learning  Options  For  Missed  # | #1: Lessons 1-4 | [5.NBT.A.1](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=daaf1ff1-4a41-4c0f-830c-64d5c75b5854&subject=math&m=LessonPlan) and [5.NBT.A.2](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=a2708178-c805-40f7-b534-36a46fed535f&subject=math&m=LessonPlan) | [Exponent Sequence](https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-place-value-decimals-top/cc-5th-mult-powers-of-10/v/patterns-in-zeros-exercise) | [Lessons 6.3A1-6.3A2](https://www.pearsonsuccessnet.com/snpapp/iText/BrowseITEXTServlet?eventType=openIEXT&ISBNUrl=%2FiText%2Fproducts%2F0-328-25826-1%2Findex.html&ISBN=0-328-25826-1&ITEXTOID=&DisplayTitle=Investigations+OTE+G5&TitleInFrame=Y&isbnUrlIsJavascript=false), [Pages C69-C71](https://www.pearsonsuccessnet.com/snpapp/iText/products/0-328-89824-4/media/SABcc/inv5_u6_s.pdf), |
| #2: Lessons 11 & 12 | [5.NBT.B.7](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=7e8adbec-5217-4a8e-b1e0-407d65fdaeab&subject=math&m=LessonPlan) and [5.NBT.A.3a](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=959acb4a-9e1d-4a68-97a4-3fa910e55589&subject=math&m=LessonPlan) | [Multiplying Decimals](https://www.khanacademy.org/math/cc-fifth-grade-math/5th-engage-ny/engage-5th-module-1/modal/v/intro-to-multiplying-decimals) | [Lessons 6.3A3-6.3A4](https://www.pearsonsuccessnet.com/snpapp/iText/BrowseITEXTServlet?eventType=openIEXT&ISBNUrl=%2FiText%2Fproducts%2F0-328-25826-1%2Findex.html&ISBN=0-328-25826-1&ITEXTOID=&DisplayTitle=Investigations+OTE+G5&TitleInFrame=Y&isbnUrlIsJavascript=false), Pages C72-C81 |
| #3: Lessons 5 & 6 | [5.NBT.A.3a](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=959acb4a-9e1d-4a68-97a4-3fa910e55589&subject=math&m=LessonPlan) or [5.NBT.A.3b](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=8353967d-fa68-4418-8c5a-5b4e596bbd2d&subject=math&m=LessonPlan) | [Expanded Form](https://www.khanacademy.org/search?page_search_query=decimals%20in%20expanded%20form) | [write decimals in different forms](https://www.mathgoodies.com/lessons/decimals/introduction) |
| #4a: Lessons 7-10 | [5.NBT.A.4](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=73e2b0ca-acfc-423a-8e6e-5ace18918741&subject=math&m=LessonPlan) and [5.NBT.B.7](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=7e8adbec-5217-4a8e-b1e0-407d65fdaeab&subject=math&m=LessonPlan) | [Rounding Decimals](https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-place-value-decimals-top/cc-5th-rounding-decimals/v/rounding-decimals) | Lesson 6.1.5A, Pages C64-C66 |
| #4b: Lessons 9 & 10 | [5.NBT.B.7](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=7e8adbec-5217-4a8e-b1e0-407d65fdaeab&subject=math&m=LessonPlan) | [+ / - Decimals](https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-arith-operations) | [Lesson 6.2.1-6.2.8](https://www.pearsonsuccessnet.com/snpapp/iText/BrowseITEXTServlet?eventType=openIEXT&ISBNUrl=%2FiText%2Fproducts%2F0-328-25826-1%2Findex.html&ISBN=0-328-25826-1&ITEXTOID=&DisplayTitle=Investigations+OTE+G5&TitleInFrame=Y&isbnUrlIsJavascript=false), Pages C67-C68 |
| #4c: Lessons 13-16 | [Divide Decimals](https://www.khanacademy.org/math/cc-fifth-grade-math/multiplication-and-division/cc-5th-dividing-decimals/v/approximating-dividing-by-decimals) | Lessons 6.3A5-6.3A7, Pages C85-86 |
| #4d: Lessons 7 & 8 | [5.NBT.A.4](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=73e2b0ca-acfc-423a-8e6e-5ace18918741&subject=math&m=LessonPlan) (round decimal) | [Rounding Decimals](https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-place-value-decimals-top/cc-5th-rounding-decimals/v/rounding-decimals) | Lesson 6.1.5A, Pages C64-C66 |
| **Assessment** | **Grade 6, Mid-Module 1** |  |  | **Connected Mathematics** |
| **Topic** | **Reasoning About Ratios** |  |  |
| Learning  Options  For  Missed # | #1a: Lessons 9-13 | [6.RP.A.1](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=0b6bd52c-0ea7-4590-992e-f4972fc805fa&subject=math&m=LessonPlan) and [6.RP.A.3a](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=7c6ad49f-c1ec-4401-a3af-a1aca63bf4a9&subject=math&m=LessonPlan) | [Intro to Ratios](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic#cc-6th-ratios-intro) | CC Additional Investigations pp. 1-5 |
| #1b: Lessons 13 & 14 | [Ratio Coordinate Plane](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/modal/v/ratios-on-coordinate-plane) | CC Additional Investigations p. 6 |
| #2: Lessons 1-15 | [Compare Ratios](https://learnzillion.com/lesson_plans/181-compare-ratios-by-analyzing-collections-of-equivalent-ratios-in-ratio-tables/) 6.RP.A.3 | [Visualize Ratios](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/visualize-ratios/v/ratios-and-double-number-lines) | CC Additional Investigations pp. 1-6 |
| #3: Lesson 11 | [6.RP.A.3a](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=7c6ad49f-c1ec-4401-a3af-a1aca63bf4a9&subject=math&m=LessonPlan) | [Ratio Tables](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/modal/a/ratio-tables) | CC Additional Investigations pp. 6-9 |
| **Assessment** | **Grade 6, End-of-Module 1** |  |  | **Connected Mathematics** |
| **Topic** | **Ratios, Unit Rates, & Percent** |  |  |
| Learning  Options  For  Missed  # | #1: Lesson 24 | [6.RP.A.3c](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=a068cfc3-53a8-4523-9e73-bf7580a2f924&subject=math&m=LessonPlan) | [Intro to Percents](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/cc-6th-percentages/v/describing-the-meaning-of-percent) | Bits & Pieces I: TG 112-136, SP 54-78 |
| #2: Lessons 16-23 | [6.RP.A.2](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f313537-a545-4542-8380-1e86987520fd&subject=math&m=LessonPlan) & [6.RP.A.3d](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=fa34b81a-7b23-457b-81d8-73613f7e7b75&subject=math&m=LessonPlan) | [Intro to Rates](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/cc-6th-rates/v/introduction-to-rates) | CC Add.l Investigations pp. 2, 10-13 |
| #3a: Lesson 9 & 10 | [6.RP.A.1](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=0b6bd52c-0ea7-4590-992e-f4972fc805fa&subject=math&m=LessonPlan) | [Visualize Ratios](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/visualize-ratios/v/ratios-and-double-number-lines) |
| #3b: Lesson 11 | [6.RP.A.3a](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=7c6ad49f-c1ec-4401-a3af-a1aca63bf4a9&subject=math&m=LessonPlan) | [Intro to Rates](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/cc-6th-rates/v/introduction-to-rates) |
| #3cd: Lesson 16, 21, & 22 | [6.RP.A.3b](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=d31433df-25fb-4cd7-8eb6-03baf929b294&subject=math&m=LessonPlan) |
| #3ef: Lesson 17-20 & 23 | [6.RP.A.2](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f313537-a545-4542-8380-1e86987520fd&subject=math&m=LessonPlan) | [Fraction/Decimal Conv.](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/cc-6th-percent-decimal-conversions/v/representing-a-number-as-a-decimal-percent-and-fraction) |
| #4: Lessons 21 & 22 | [6.RP.A.3b](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=d31433df-25fb-4cd7-8eb6-03baf929b294&subject=math&m=LessonPlan) | [Intro to Rates](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic/cc-6th-rates/v/introduction-to-rates) | CC Add.l Investigations pp. 14-15 |
| **Assessment** | **Grade 6, Mid-Module 2** |  |  | **Connected Mathematics** |
| **Topic** | **Fraction/Decimal Operators** |  |  |
| Learning  Options  For  Missed  # | #1: Lessons 1 & 7 | [6.NS.A.1](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=345e2850-5ab9-43bf-a287-ec8fadbf95ad&subject=math&m=LessonPlan) | [Divide a Fraction](https://www.khanacademy.org/math/cc-sixth-grade-math/6th-engage-ny/engage-6th-module-2) | Bits and Pieces II: TG 97-102, SP 51,56 |
| #2ab: Lessons 3 & 4 | Bits and Pieces II: TG 103-113  Student Pages 52-54, 57-58 |
| #2c: Lesson 7 |
| #3: Lesson 2, 5, 6, 8 | [Divide Mixed Number](https://www.khanacademy.org/math/cc-sixth-grade-math/6th-engage-ny/engage-6th-module-2/modal/v/dividing-mixed-numbers-example) | Bits and Pieces II: TG 114, SG 55-62 |
| #4: Lesson 9 | [6.NS.B.3](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f31dd36-3906-484d-9d27-79a34fb59611&subject=math&m=LessonPlan) | [+/- decimals](https://www.khanacademy.org/math/cc-sixth-grade-math/6th-engage-ny/engage-6th-module-2/6th-module-2-topic-b/v/adding-decimals-example-1) | Bits and Pieces III SP: 2-20 |
| #5: Lesson 10 | [6.NS.B.3](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f31dd36-3906-484d-9d27-79a34fb59611&subject=math&m=LessonPlan) (× decimals) | [Multiply Decimals](https://www.khanacademy.org/math/cc-sixth-grade-math/6th-engage-ny/engage-6th-module-2/6th-module-2-topic-b/v/intro-to-multiplying-decimals) | Bits and Pieces III SP: 21-35 |
| #6: Lessons 9-11 | [6.NS.B.3](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f31dd36-3906-484d-9d27-79a34fb59611&subject=math&m=LessonPlan) | [Decimal Operations](https://www.khanacademy.org/math/cc-sixth-grade-math/6th-engage-ny/engage-6th-module-2/6th-module-2-topic-b/v/intro-to-multiplying-decimals) | Bits and Pieces III SP: 2-35 |

**6th Grade Independent Study Qtr 2**

\*\*Don’t forget the **TUSD GATE** curriculum supplements listed [**HERE**](https://tusd1.sharepoint.com/sites/CIPDA/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fCIPDA%2fShared%20Documents%2f4%2e0%20Teacher%20Review%20Documents%2fMath%2f2nd%20Quarter%20Curriculum%20Supplement%20Documents%2f4th%20Grade%20Quarter%202&FolderCTID=0x012000AE4F5777D409C445A042A10C587506A8) **(grade 4)** [none for grades 5 or 6 this quarter] for the Math Standards needed. Those are opportunities for activities, exploration ideas, games, lessons, questions/assessments, and projects that can include peers.\*\*

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|  | **Eureka** | **LearnZillion** | **Khan Academy** | **Connected Math** |
| **Assessment** | **Grade 6, End-of-Module 2** |  |  |  |
| **Topic** | **Fraction/Decimal Operators** |  |  |  |
| Learning  Options  For  Missed  # | #1a: Lessons 12 & 13 | [6.NS.B.2](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=9360467d-aeba-4182-9790-b8ff6fbd8880&subject=math&m=LessonPlan) | Divide Money |  |
| #1b: Grade 5, Mod1, L 5 & 6 | [5.NBT.A.3a](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=959acb4a-9e1d-4a68-97a4-3fa910e55589&subject=math&m=LessonPlan) or [5.NBT.A.3b](https://learnzillion.com/search?grades=5th&lesson_type=full&lesson_type=video&lesson_type=activity&standards=8353967d-fa68-4418-8c5a-5b4e596bbd2d&subject=math&m=LessonPlan) | [Expanded Form](https://www.khanacademy.org/search?page_search_query=decimals%20in%20expanded%20form) |  |
| #2a: Lesson 9 | [6.NS.B.3](https://learnzillion.com/search?lesson_type=full&lesson_type=video&lesson_type=activity&standards=1f31dd36-3906-484d-9d27-79a34fb59611&subject=math&m=LessonPlan) | Adding Decimals |  |
| #2b: Lessons 12-15 | Divide with Decimals |  |
| #3a: |  | Divide Decimals |  |
| #3b: | 6.NS.B.3 | Place Value |  |
| #3c: | 6.NS.B.3 | Place Value |  |
|  | #4a: | 6.NS.B.4 |  |  |
|  | #4b: | 6.NS.B.2 |  |  |
|  | #4c: | 6.NS.A.1 |  |  |
|  | #5: | 6.NS.B.4 |  |  |
| **Assessment** | **Grade 6, Mid-Module 3** |  |  |  |
| **Topic** |  |  |  |  |
| Learning  Options  For  Missed # |  |  |  |  |
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| **Assessment** | **Grade 6, End-of-Module 3** |  |  |  |
| **Topic** |  |  |  |  |
| Learning  Options  For  Missed  # |  |  |  |  |
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| **Assessment** |  |  |  |  |
| **Topic** |  |  |  |  |
| Learning  Options  For  Missed  # |  |  |  |  |
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