

2021 Summer Literacy and Mathematics Expectations

GRADES 6-8 in 21-22 School Year

Entering Grade	Reading and Writing	Math
6	<p>Students will read from a selected list of novels. Then, students will answer the attached questions on the Google Slide.</p> <p>Book List and Google Slide Questions</p>	<p>General Math Class:</p> <p>IXL login information for Rising 6th graders: IXL Login Instructions</p> <p>Continue practice on Xtra Math:</p> <ul style="list-style-type: none"> - Practice 3 days a week until completed <p>Already done with Xtra Math/Completed before school starts:</p> <p>IXI - 60 Min/week</p> <p>Grade 5 IXL skills should focus on:</p> <ul style="list-style-type: none"> - K.4 Equivalent Fractions - K.5 Write Fractions in Lowest Terms - K.6 Convert between Improper fractions and Mixed Numbers - N.11 Divide Fractions and Mixed Numbers - J.11 Divide by decimals
7	<p>Students will read a book of their choice (within the guidelines detailed in the project description). They will then create a book brochure that prompts the students to identify literary elements within his/her chosen novel.</p> <p>Book brochure project description</p>	<p>IXL- 60-90 min/week</p> <p>Incoming 7th Grade should use Grade 7 IXL and focus on:</p> <ul style="list-style-type: none"> - A, 3, 5, 6, 7 - D 1. 2 - E 1, 3, 5 - F 2, 5, 6 - G 1,3, 9, 12, 13 <p>You may also do any IXLs you wish in Grade 6</p>

<p style="text-align: center;">8</p>	<p>Students will read the novel <i>Tangerine</i> and complete an assignment about the characterization found throughout the novel. Students will also write a literary analysis essay about the novel in the fall of 8th grade.</p> <p>Students should make their own copy of the document below and have it completed by the end of the summer- Tangerine Characterization Summer Reading Assignment</p>	<p>Student Entering 8th Grade:</p> <p>IXL- 60 min/week on below topics.</p> <p>Students entering 8th grade should log into IXL under 7th grade and focus on the following skills:</p> <p>Grade 7 IXL skills:</p> <ul style="list-style-type: none"> ● C.1 Integer addition rules ● C.3 Adding integers ● C.4 Integer subtraction rules ● C.6 Subtracting integers ● C.12 Add and Subtract integers ● C.13 Complete addition/subtraction equations ● C.15 Integer multiplication rules ● C.16 Multiply Integers ● C.17 Integer division rules ● C.19 Divide Integers ● C.20 Integer multiplication/division rules ● C.21 Multiply/Divide integers ● C.22 Complete multiply/divide equations ● C.23 Add/subtract/multiply/divide integers ● G.1 Add/Subtract fractions

		<ul style="list-style-type: none"> • G.3 Add/Subtract Mixed Numbers • G.9 Multiply fractions • G.10 Multiply mixed numbers • G.12 Divide fractions • G.13 Divided mixed numbers • H.9 Add/Subtract decimals • H.10 Add/Subtract fractions • H.15 Multiply/divide positive/negative decimals • H.16 Multiply/divide positive/negative fractions • P.1 Coordinate Plane Review • P.2 Quadrants and axes • P.3 Follow directions on a coordinate plane • R.5 Evaluate multi-variable expressions • R.11 Multiply using distributive property • R.14 Add/subtract linear expressions • S.5 Solve one-step equations
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Grades 6-8:

[Math Games](#) (Pre-Algebra & Algebra)

[IXL](#) (Rising 7-8 Grade Students have a subscription through their math teacher; Rising 6th graders can access IXL through these [instructions](#))

[Prodigy](#)

[Multiplication Games](#)

[Fact Monster](#)

[Book Annotating - Post its](#)

For Rising 6th Graders:
[Cool Math Games 4 Kids](#)
[XTra Math](#)
[ABCya!](#)
[Splash Math](#)
[Prodigy](#)
[Multiplication Games](#)
[Math Playground](#)
[Open Up Resources](#)