



# Corbett Prep

## MIDDLE SCHOOL

May 26, 2021

Reading is a vital part of every child's development. At Corbett Prep, the students actively read throughout the year, both as a whole class and individually. Reading promotes comprehension, develops vocabulary, and increases sensitivity to other cultures, social conditions, historical events, and the student's own personal awareness. The summer reading program supports students' active reading during the months they are away from school.

Students entering Corbett Prep Middle School for the 2021-2022 school year should carve out time to read this summer! As part of the middle school community, students will read books of their choice and share their thoughts with their peers to inspire each other to read, read, read this summer!

We are excited to offer students lots of choice this summer! All students in grades 6-8 will choose at least one book from the [2020-2021 Sunshine State Young Readers Award Books List for Grades 6-8](#) or the [Teachers' Choice 2020 International Reading Association List for Advanced Readers](#). The reading level of the book should be reflective of the grade they will be entering.

Students will create a FlipGrid video online at FlipGrid.com when they are done reading their book. Students must post a reflection of at least one book to share with the community. Students may choose to share their video with the entire middle school community or only with their teacher.

Use the link provided in the email and on this sheet to access our specific Corbett Prep FlipGrid page. Students will also be able to see their peers' reading responses and a teacher's example response. They can use those to help them create their own.

### **Students:**

**Standards/Expectations:** Your video or presentation must answer all of the questions below, but the CHALLENGE is to keep the ending a secret!

**Step One:** Think about the answers to all of the questions listed below.

### **Questions to answer in your FlipGrid video:**

1. What is the title and author of your book?
2. Give an overview of the main character of your book in two to three sentences.
3. What are some things your peers might like about this book (and the book's story) if they chose to read it? Give a specific example from the book.

4. What are some things your peers might not like about this book (or this book's story) if they chose to read it? Give a specific example from the book.
5. Would you recommend that people read the book? Why or why not? Answer this in at least three sentences with specific evidence from the book.
6. What's next on your reading list?
7. What's been one highlight of your summer?
8. Would you like to share your awesome review with everyone? If you say yes, we will publish your video to the FlipGrid page.

**Step Two:** To help organize your thoughts, write out or type the answers to all of the questions above. Review and edit your draft. This second version will serve as your script in the video. It is important that you write first to ensure that you answer everything well.

**Step Three:** Practice reading your script.

**Step Four:** Access FlipGrid and post your video. You may also keep your video off and only submit a voice recording. Your video will only be posted to the Corbett Prep Middle School community if you would like it to be and when it is approved by a teacher.

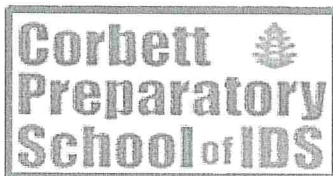
### **How to Access FlipGrid**

1. Click on the link to access FlipGrid: <https://flipgrid.com/9692d4ad>
2. Use the Google account given to you by Corbett Prep to login. If you are a new student, please email [jjagdmann@corbettprep.com](mailto:jjagdmann@corbettprep.com) for that email address.
3. Read the instructions on the main page.
4. When you are ready to record, click "record a response."
5. Record using your computer (You can use a phone if you download the app.)
6. Click "next" when you are finished recording. Add effects and the title of your book.
7. Remember to include your name!
8. Submit your FlipGrid!
9. On the homepage, you can watch other classmates' videos! Get recommendations and leave more FlipGrid videos.

**Step Five:** Keep reading!!! Every extra book review will be rewarded when you return to school! For your extra books, you are free to choose any published book you'd like as long as it is in the general reading level of your grade.

Have a wonderful summer!





## Rising 8<sup>th</sup>

### Mathematics Summer Practice

Hello Families!! Summer time is upon us and we want to encourage your child to engage in mathematical thinking over the next few months. There are many ways that you can incorporate math into daily activities.

• Are you eating out and need to calculate the tip? Are you shopping and need to know the price of an item after the discount or after tax? Are you cooking and want to halve or double a recipe? Are you going to change cell phone plans and need to calculate which is the better deal? Are you painting your house and need to calculate how much paint is needed? Parents, please encourage your child to help you in the daily situations that require mathematics.

- Read short math stories.
- Play online math games or board games. (Games like Yahtzee, Racko, Blokus, Monopoly, and Set all rely on skills necessary for math, logic, categorizing, and problem solving.

The Middle School math curriculum is rigorous. Students will be successful when they have the academic ability, put forth effort, love challenges, are risk-takers, and enjoy productive struggle with higher-level complexity problems. Keeping skills sharp over the summer is essential.

Listed below are **recommended** online review skills: [Khan Academy](#) and [IXL](#). If you wish, please review during the summer to keep your skills sharp.

❖ **Khan Academy:** <https://www.khanacademy.org/math/>

Here is a list of 7th grade skills. I recommend that you complete the practice problems and take the quizzes. If you need more support you may choose to watch the corresponding videos.

- Negative Numbers (Addition, Subtraction, Multiplication, Division)
- Fractions, Decimals, Percents
- Rates & Proportional Relationships



- Expressions, Equations, & Inequalities
- Geometry
- Statistics & Probability

❖ **IXL 7th Grade:** <https://www.ixl.com/signin/corbettprep>

Here is a list of all skills your child can practice. These skills are organized into categories, and you can move your mouse over any skill name to preview the skill. To start practicing, just click on any link. IXL will track your score, and the questions will automatically increase in difficulty as you improve!

Please look for the skill name listed below.

### Operations with integers

- Integer addition and subtraction rules
- Add and subtract integers using counters
- Add and subtract integers
- Complete addition and subtraction equations with integers
- Add and subtract integers: word problems
- Integer multiplication and division rules
- Multiply integers
- Divide integers
- Complete multiplication and division equations with integers
- Add, subtract, multiply, and divide integers
- Evaluate numerical expressions involving integers

### Operations with fractions

- Add and subtract fractions
- Add and subtract fractions: word problems
- Add and subtract mixed numbers
- Add and subtract mixed numbers: word problems
- Inequalities with addition and subtraction of fractions and mixed numbers
- Estimate sums and differences of mixed numbers
- Multiply fractions and whole numbers
- Multiply two fractions using models
- Multiply fractions
- Multiply mixed numbers
- Multiply fractions and mixed numbers: word problems
- Divide fractions
- Divide mixed numbers
- Divide fractions and mixed numbers: word problems
- Estimate products and quotients of fractions and mixed numbers
- Add, subtract, multiply, and divide fractions and mixed numbers: word problems
- Maps with fractional distances
- Evaluate numerical expressions involving fractions

## Ratios, rates, and proportions

- Understanding ratios
- Identify equivalent ratios
- Write an equivalent ratio
- Equivalent ratios: word problems
- Unit rates
- Compare ratios: word problems
- Scale drawings: word problems
- Do the ratios form a proportion?
- Do the ratios form a proportion: word problems
- Solve proportions
- Solve proportions: word problems
- Estimate population size using proportions
- Rate of change Tables
- Constant rate of change

## Proportional relationships

- Find the constant of proportionality from a table
- Write equations for proportional relationships from tables
- Identify proportional relationships by graphing
- Find the constant of proportionality from a graph
- Write equations for proportional relationships from graphs
- Identify proportional relationships from graphs and equations
- Interpret graphs of proportional relationships
- Write and solve equations for proportional relationships

## Percents

- What percentage is illustrated?
- Convert between percents, fractions, and decimals
- Compare percents to fractions and decimals
- Estimate percents of numbers
- Percents of numbers and money amounts
- Percents of numbers: word problems
- Solve percent equations
- Solve percent equations: word problems
- Percent of change
- Percent of change: word problems

## Expressions and properties

- Write variable expressions
- Write variable expressions: word problems
- Evaluate linear expressions
- Evaluate multi-variable expressions
- Evaluate absolute value expressions
- Evaluate nonlinear expressions

- Identify terms and coefficients
- Sort factors of expressions
- Properties of addition and multiplication
- Multiply using the distributive property
- Solve equations using properties
- Write equivalent expressions using properties
- Add and subtract like terms
- Add, subtract, and multiply linear expressions
- Factors of linear expressions
- Identify equivalent linear expressions

## One-variable equations

- Which  $x$  satisfies an equation?
- Write an equation from words
- Model and solve equations using algebra tiles
- Write and solve equations that represent diagrams
- Solve one-step equations
- Solve two-step equations
- Solve equations: word problems
- Solve equations involving like terms
- Solve equations: complete the solution

## One-variable inequalities

- Solutions to inequalities
- Graph inequalities on number lines
- Write inequalities from number lines
- Solve one-step inequalities
- Graph solutions to one-step inequalities
- Solve two-step inequalities
- Graph solutions to two-step inequalities

## Two-variable equations

- Does  $(x, y)$  satisfy the equation?
- Identify independent and dependent variables
- Find a value using two-variable equations
- Solve word problems involving two-variable equations
- Complete a table for a two-variable relationship
- Write a two-variable equation
- Identify the graph of an equation
- Graph a two-variable equation
- Interpret a graph: word problems
- Write an equation from a graph using a table

## Geometric measurement

- Perimeter
- Area of rectangles and parallelograms
- Area of triangles and trapezoids
- Area and perimeter: word problems
- Circles: calculate area, circumference, radius, and diameter



- Circles: word problems
- Volume
- Surface area
- Perimeter, area, and volume: changes in scale
- Semicircles: calculate area, perimeter, radius, and diameter
- Quarter circles: calculate area, perimeter, and radius
- Area of compound figures with triangles, semicircles, and quarter circles
- Area between two shapes

## Statistics

- Calculate mean, median, mode, and range
- Interpret charts and graphs to find mean, median, mode, and range
- Mean, median, mode, and range: find the missing number
- Changes in mean, median, mode, and range
- Calculate mean absolute deviation
- Identify representative, random, and biased samples

## Probability

- Probability of simple events
- Probability of opposite, mutually exclusive, and overlapping events
- Experimental probability
- Make predictions
- Compound events: find the number of outcomes
- Identify independent and dependent events
- Probability of independent and dependent events
- Factorials
- Permutations
- Counting principle
- Combination and permutation notation

## ABOVE & BEYOND SKILLS

For those interested in gaining additional skills over the summer, please see the topics below.

### Linear Equations

- o Table
- o Graph
- o Slope
- o X and y intercept

### Exponents

- o Evaluating
- o Simplifying
- o Multiplying
- o Dividing
- o Power to a Power

### Radicals

- o Evaluating
- o Simplifying
- o Positive and Negative bases
- o Square Roots and Cubes Roots



Summer 2021

Dear Parents:

Second language acquisition is a vital part of an International Baccalaureate education. At Corbett Prep, the students actively engage in learning Spanish throughout the year. In our Middle School program, Spanish is a core class. Our curriculum offers opportunities for differentiation to meet each child's skill level. Second language learning develops the whole child, including sensitivity and appreciation for other cultures.

The summer Spanish program offers the students the option to actively learn and/or review at levels in which the student is most comfortable. This will help to introduce basic Spanish or ensure the continuity of skill progress to get off to a great start to the new academic school year.

We are recommending that incoming Middle School students complete the attached summer practice on **Duolingo**. There will be a pre-assessment test for students within the first two weeks of school for instructional placement and differentiation.

Thank you for your support.

Sincerely,

Valeria Wolters  
Spanish Teacher



**Language takes practice, practice, and more practice. Enjoy!**

**Middle School Spanish  
Summer Practice Checklist – Level A**

**Overview:** To advance and/or review your Spanish language skills, the following practice opportunities are designed to strengthen Spanish grammar and vocabulary through application activities. **This is optional but highly recommended** to become familiar with the third most spoken language in the world as you prepare for Middle School Spanish!

**To create an account in Duolingo:**

Please use the Corbett Prep email you received for your child to create the account. You may use another email if you still need their Corbett Prep email.

**On Web**

- Click on the green "Get Started" button on [www.duolingo.com](http://www.duolingo.com) and follow the instructions to create your Duolingo profile and start learning.

**On Android app and iOS app:**

- Click "Get Started" and follow the instructions to create your Duolingo Profile. This includes choosing a learning language, selecting a daily goal, starting with basics or a placement test, and building your Profile with a username and email address.

*If you already have a Duolingo account*, please click "I already have an Account" and enter your email/username and password to log in.

**How can I use Duolingo?**

All language courses will have a learning tree filled with helpful skills (those colorful circles). Each skill will contain 5 levels, starting with level 0. These levels will then contain individual lessons.

As you progress through your lessons, whether completing them individually or through skill test-out (key icon), you will earn Crowns. With 5 levels in each skill, you'll earn 5 Crowns when you successfully master a skill.

For the summer practice, you can work on (8) skills and get (8) crowns or complete (100) xp a week.

**Have fun and enjoy your “vacaciones de Verano”**