

# Herscher CUSD 2 Summer Learning Resources

Below is a list of web-based resources that can be utilized by students and parents to help with both learning retention and extension.

| Name                                       | Grade Range               | Description  |
|--|---------------------------|--|
| <a href="#">Khan Academy Kids</a>          | PreK-1                    | Khan Academy Kids is a free, fun, educational program designed to inspire young children to become learners for life. While most early learning apps focus on a narrow skill, our free program contains a breadth of learning materials across math, language arts, and social-emotional learning, aligned to the Head Start Early Learning Outcomes Framework and Common Core. (Free App for phone or tablet; works on desktop and laptop too). Parents can set up an account for students.                 |
| <a href="#">Scholastic F.I.R.S.T.</a>      | K-2                       | Scholastic F.I.R.S.T., an adventure on Ooka Island, promotes foundational reading skills needed for students, creating automatic, fluent readers with strong comprehension. (Free App for tablet; works on desktop and laptop too). Classroom teachers have created and shared student login information with students this year.  |
| <a href="#">Scholastic Literacy Pro</a>    | K-4                       | Student access to over 2,300 authentic texts for independent reading. (Free App for tablet; works on desktop and laptop too). Classroom teachers have created and shared student login information with students this year.  |
| <a href="#">Scholastic W.O.R.D.</a>        | K-4                       | Scholastic W.O.R.D. supercharges vocabulary acquisition and deepens comprehension for students. By teaching new words in context across the content areas, W.O.R.D. builds vocabulary in the service of knowledge. (Free App for tablet; works on desktop and laptop too). Classroom teachers have created and shared student login information with students this year.   |
| <a href="#">Zearn</a>                      | K-5                       | A web-based version of Eureka Math that provides some independent digital lessons. Parents can sign up with Zearn to get summer access for students.   |
| <a href="#">Epic</a>                       | K-5                       | Instantly Access 35,000 eBooks, Learning Videos, Quizzes, and more for K-5.  |
| <a href="#">Greg Tang Math</a>             | K-5                       | Educational math games and resources.  |
| <a href="#">Learning.com</a>               | K-8                       | Lessons on digital literacy, coding, and typing. Available until June 30.  |
| <a href="#">Dreambox</a>                   | K-8                       | An online math program that teaches and adapts to provide an individualized learning experience. Using this data DreamBox rapidly responds by adjusting lessons, hints, and manipulatives to the needs of the learner. Sign up <a href="#">here</a> to get summer access.  |
| <a href="#">Khan Academy</a>               | K-12                      | Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. We tackle math, science, computer programming, history, art history, economics, and more. Our math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. AP, ACT, and SAT Test prep included too (see below for more on SAT). |
| <a href="#">SAT Practice</a>               | Focus on 10-12            | Get personalized practice recommendations for the skills you'll need, plus practice exams.   |
| <a href="#">DigitWhiz</a>                  | 5-8                       | DigitWhiz is a foundational math program where kids master skills needed for pre-algebra and beyond using adaptive games. Middle school math teachers have created and shared student login information with students this year.   |
| <a href="#">NoRedInk</a>                   | 4-12                      | NoRedInk builds stronger writers through interest-based curriculum, adaptive exercises, and actionable data. The focus is on writing and grammar. Sign up <a href="#">here</a> to get summer access.   |
| <a href="#">Newsela</a>                    | 2-12<br>(Newsela Pro 5-8) | Newsela is a database of current events stories tailor-made for classroom use. Indexed by broad theme (e.g. War and Peace, Arts, Science, Health, Law, Money), stories are both student-friendly and can be accessed in different formats by reading level. It can be used to differentiate nonfiction reading. Great for reading time.  |
| <a href="#">HippoCampus</a>                | 5-12                      | HippoCampus.org is a free, core academic web site that delivers rich multimedia content--videos, animations, and simulations--on general education subjects to middle-school and high-school teachers and college professors, and their students, free of charge.  |
| <a href="#">Limestone Township Library</a> | PreK-12                   | As many of you may know, the Limestone Township Library District has offered Herscher students access to its many e-resources during the school closure this spring. For more information on summer access, please visit <a href="http://www.limestonelibrary.org/">http://www.limestonelibrary.org/</a>   |

## Additional Department-Based Recommendations

### Mental Health Resources and Social/Emotional Activities

Please visit [this webpage](#) on our district website for mental health resources, social/emotional activities (including mindfulness, online counseling options, as well as similar resources for the community in general) from our school psychologist, social workers, and counseling staff.

### PreK-4

[Hands On As We Grow](#) (PreK) - PreK activity ideas including gross motor, fine motor, sensory activities, science experiments and more

[Scholastic Classroom Magazines](#) (K-4).

[Todomath](#) (PreK-2) - interactive math practice for PreK to 2nd grade that children can play.

[XtraMath](#) (2-4) - math fact practice.

[National Geographic for Kids](#) - videos, games, and more on a variety of topics.

[Virtual Field Trips](#) - 25 virtual field trips for various grade levels.

[Brightly Storytime](#) - read-aloud picture books for kids.

[Scholastic Watch & Learn](#) (PreK-3) - videos that build knowledge and vocabulary.

[Scholastic TrueFlix](#) - helps students improve literacy skills, build content-area knowledge, and cultivate the critical skills necessary for academic success and college and career readiness.

[Scholastic BookFlix](#) - Thematically paired fiction and nonfiction titles are designed to bridge learning-to-read and reading-to-learn. Animated classic storybooks introduce early learners to the delights of reading while sparking curiosity, creating a natural springboard into the paired nonfiction text for deeper discovery.

[Wonderopolis](#) - a place where natural curiosity and imagination lead to exploration and discovery in learners of all ages. Each day, they pose an intriguing question—the “Wonder of the Day”—and explore it in a variety of ways.

## Math, Science, and STEM (Grades 5-12)

### Math

[Khan Academy](#) - At the high school math level the one area we would like to emphasize is the standardized test prep for our Juniors and Incoming Seniors whose testing was pushed back. CollegeBoard has worked through Khan Academy for the best SAT Prep. That link can be found [here](#).

[XtraMath](#) - math fact practice for students that would need some practice.

### STEM

[Illinois Math and Science Academy](#) - STEM resources for parents and students.

[Code.org](#)

### Science

[Nasa](#) has lessons/information for students in all grade levels.

[National Geographic Newsletters](#) - to receive daily science articles in your inbox.

[Khan Academy](#) - Content + Quizzes

[Quiziz](#) - Kahoot-like quizzes for students to test their knowledge of content.

[BioInteractive](#) - Interactive Biology & Environmental Science Modules

[Crash-Course Videos](#) - Biology Content

[BioMan](#) - Biology Content, Videos, and Quizzes

[Quizlet](#) - Vocabulary Review

[PhET](#) - Physics, Chemistry, Biology, Earth Science Simulations & Labs

[Flinn At-Home Science](#) - Free Chemistry, Physics, Earth Science, Biology labs to complete at home.

[Farm Week](#) - Ag Science Articles and Activities

## PE, Health, and Drivers Ed

[GoNoodle](#) (K-4) - engages kids every month with movement and mindfulness videos created by child development experts.

Drivers Ed:

- [www.cyberdriveillinois.com](http://www.cyberdriveillinois.com)

Health:

- [Choosemyplate.org](http://Choosemyplate.org) - a great tool for the nutrition and physical aspects of overall health.

Middle School PE:

- [shapeamerica.org](http://shapeamerica.org)
- [openphysed.org](http://openphysed.org)

High School PE:

- [www.darebee.com](http://www.darebee.com)

## Social Studies (Grades 5-12)

Map Practice Games via [Seterra Geography](#) (All Grades)

- [The U.S. 50 States- Map Quiz Game](#) (Grade 5)
- [The U.S. 50 State Abbreviations - Map Quiz Game](#) (Grade 5)
- [The U.S. 50 State Capitals Map Quiz Game](#) (Grade 5)

[iCivics](#) - a multitude of games and resources on there for students to access regarding government and civics. This is an excellent resource leading up to the November election.

[Junior Scholastic Magazine Online](#) - (Grade 7) - students have been issued the passcode for the summer.

[American Battlefield Trust](#) - Apps, Maps, and Crash Courses on the Revolutionary War, the War of 1812, and the Civil War.

[PBS Learning Media](#) (High School) - Videos and Interactive Lessons on a variety of topics.

[World History Matters](#) (High School) - World History Matters is a portal to world history websites developed by the Center for History and New Media.

## High School Music

- [Khan Academy Music](#)
  - Music Basics —more of a review for HS level students.
  - Orchestra instruments lessons--one video lesson for each instrument found in a symphony orchestra, including strings, wind, and percussion.
  - Band instrument lessons--one video lesson for each band instrument (from the US Marine Band)
  - Masterpieces Old and New--very good in-depth videos on Masterworks by Beethoven, Stravinsky, Brahms, etc. These are outstanding.
- [SmartMusic](#) Student Subscriptions are now free (until June 30), and students can play along with a wide variety of music, check their progress, and record themselves.
- <https://www.musictheory.net> Content: Aural and Written Lessons and Exercises on Note Reading, Intervals, and Music Theory. Adaptable to any level.
- [Sight Reading Factory](#) is practice for reading skills in music. Adaptable to any level.
- [Finale Notepad](#) Free Download of Music Notation Software (Windows only)
- [Flat](#): Music Writing App or Add-on to Google Classroom in the Chrome Webstore.
- [NoteFlight](#) Online Music Notation Software.
- [Two-Set](#): Classical Comedy Team. Some Comic Relief, plus inspiration to keep practicing!
- [Music Theory for Musicians and Normal People](#). Home of Sparky the Music Theory Dog. Pages and PDFs covering all theory topics.
- [Two Minute Music Theory](#). Multi-media resources on all theory topics. (type into your browser: Two music Music Theory and what you want to know, and it should pop up.)
- Ken Burns' films on the [evolution of Country Music and Jazz](#).

### High School Agriculture

[Farm Week Now](#) - website that includes news, market information, and RFD radio.

### High School Art

[Photoshop](#) is still available as a free download during the "stay at home order." They also have phenomenal resources for learning/ staying up to date with the program.

### High School Business/CTE

For those interested in 3D design, we use [tinkercad.com](#) and [thingiverse.com](#) to create 3D renderings if students want to practice.

### High School Spanish

[Duolingo](#) - a free app/platform to learn a language

[Revistaliteral.com](#) - a magazine written by Spanish students, for Spanish students.

Additional suggestions can be found at [spanishmama.com/summer-spanish-resources/](#)