



Links With Free Online Resources

Use the Zoom 'share screen' feature to explore the following with your student

Site	Address	Description
abcTeach	https://www.abcteach.com/	Access to free worksheets (note: starred items require a paid membership)
Achieve The Core	https://achievethecore.org/category/774/mathematics-focus-by-grade-level	Mission of 'significantly impacting literacy and mathematics outcomes'. Provides lesson planning guidance and free detailed lessons, tasks, assessments, and textbook adaptations by grade level with clearly defined core content information (note: literacy lessons do not include the books) but the student writing samples provide excellent discussion questions and ideas for writing
Actively Learn	https://www.activelylearn.com/	Passages and videos with embedded questions; you and student can chat back and forth within the passage
American Museum of Natural History	https://www.amnh.org/explore/ology	Explore different areas of science; includes videos, stories, games, activities, and an educator's help section (that includes activities by grade-level)
CommonCoreSheets	https://www.commoncoresheets.com/	Free math worksheets
Common Core State Standards Initiative	http://www.corestandards.org/about-the-standards/	Academic standards by grade level in math and language arts; outlines what every student should know/be able to do at the end of each grade
Education.com	https://www.education.com/	Games, printables, and activities (free and premium memberships available)
Explore.org	http://explore.org/	Explore the natural world in real-time to discuss habitat, find writing settings, describe nature, geography, time zones, etc
Imaginationsoup.net	https://imaginationsoup.net/	Information, activities, printables, and links to promote reading skills across content areas
Khan Academy	https://www.khanacademy.org/	Multi-subject, leveled for students with explanatory videos, practice, and assessment
K112Reader Reading Instruction Resources	https://www.k12reader.com/subject/vocabulary/fry-words/	Fry Word List – 1,000 High Frequency Words: high frequency words for grades K-high school and links for teaching spelling patterns, spelling rules, reading skills (comprehension, cause/effect, context clues and many more), grammar, vocabulary, and composition (handwriting, editing, prompts, and more)
KY Association for Gifted Education	https://docs.google.com/document/d/1UbaobL2ymO4_MW4N0eVvdBEfMPLyGaH7KipH27Onmg0/mobilebasic	Virtual Gifted and Talented Enrichment Support Materials offers many links by grade level, academic area, and strength domains
KUTA Software	https://www.kutasoftware.com/free.html	Secondary math worksheets
Math-Aids.com	https://www.math-aids.com/	All levels: math worksheets, flashcards, graph paper etc.
Math Goodies	https://www.mathgoodies.com/worksheets/generator	Math games, puzzles, worksheets, and worksheet generators
Math Playground	https://www.mathplayground.com/	Free Math Games



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Site	Address	Description
	com/math-games.html	
National Gallery of Art	https://www.nga.gov/	Ideas for looking at art, including the arts in instructions; has teacher site and kids pages—some with downloadable interactive activities
National Parks Service	https://www.nps.gov/teachers/index.htm	Search by topic, subject area, grade level, and/or common core standards for lessons and activities
Reading Rockets	https://www.readingrockets.org/	Tips for teaching reading, helping struggling readers, teaching sight words, graphic organizers for critical thinking and comprehension, videos
Reading Sage	http://reading-sage.blogspot.com/p/reading-fluency.html	Reading lessons, passages, fluency, vocabulary, games, vocabulary cards
Readworks.org	https://www.readworks.org/?gclid=EAIaIQobChMIj6ur4sai6QIVA9vACh0EJQKTEAAYASAAEgKOWvD_BwE	Literary passages with vocabulary and questions sets, searchable by grade, interest, and subject area (requires free membership sign-in) *see below for ideas for use
STEM Sheets	https://stemsheets.com/	Science, math, engineering, technology customizable flashcards, worksheets, and diagrams
SuperKids	https://www.superkids.com/	Games, activities, worksheets, worksheet generator
Thought.com	https://www.thoughtco.com/	Activities, videos, tips on a wide variety of topics/subjects including science, math, technology, languages, and the humanities for all levels, even adult
We Are Teachers	https://www.weareteachers.com/	Cross-curricular resources for online learning, printables, games, activities (some free, some for purchase). Use search option to navigate to subject areas and skills
YouTube	https://www.youtube.com/	Search for teaching/instructional videos by topic (but be aware that quality may be inconsistent and there may be pop-up ads)
Zoom	https://zoom.us/docs/doc/Tips%20and%20Tricks%20for%20Teachers%20Educating%20on%20Zoom.pdf	Tips for educators
Zoom	https://success.zoom.us/webinar/register/WN_Twxi9n0qQ5WwdtWOxy6JHQ	May webinars for teachers



And More...

EDUCATIONAL FREE WEBSITES

LEARNINCOLOR.COM

MATH

- Funbrain
- Prodigy
- Math Playground
- Splash Learn
- Math Game Time
- Khan Academy

SCIENCE

- Discovery Mindblown
- NASA Kids Club
- Amazing Space
- Code Academy
- How Stuff Works

SOCIAL STUDIES

- Crash Course (YouTube)
- Who Was? App/site
- Nat Geo Kids
- Google Earth
- Time for Kids
- Smithsonian for Kids

OTHER

- Brain Pop
- Ted Talks
- PBS Kids
- Duolingo
- Hello Kids (drawing)

***Readworks.org Sample of Tutoring Strategies**

- To get your free account, go to the website and choose set up free account, click on “I’m an educator”
- Article-a-Day feature is a 10-minute reading – meant to be a quick, independent reading activity
- Locate articles based on student interest, subject matter, and/or reading level.
- Prepare for reading a passage by selecting the vocabulary feature to review new vocabulary, read the definition, and see examples in use. Talk about how the student might use these words in their everyday life.
- Another vocabulary option is to go to the Question Sets/Vocabulary *before* reading the passage to engage student in a discussion about etymology.
- When selecting an article with available ‘step reads’, a tutor could ask the student to read the easier version(s) first and discuss easier version’s vocabulary, concepts, comprehension. This will help the student ‘work up’ to having success reading the grade-level passage.
- To help engage reluctant/emergent readers, use the audio feature to have students silently read along. Discuss vocabulary, concepts, comprehension and then have the student read the passage (or parts of the passage) without the audio version.
- Tutors can use the Question Sets to check comprehension, engage in conversation about the topic, as well as to develop writing topics.
- Paired reading articles could be used to compare/contrast and to look at different perspectives.
- A digital classroom can be set up in which students log on, complete work, and the tutor/teacher can access the student results (Digital Classroom: 24:10 on the Webinar). Students log in using either their own g-mail or by going to Readworks.org, clicking on student, and entering the teacher/tutor login and password.

Needs and Goals-Based Planning

Consider involving your student in planning sessions using:

- Need assessment
- Goals defined
- Teaching/Reviewing
- Independent Practice
- Student self-evaluation

It might look something like this

1. **Identify student need** based on discussion, core content, and/or a pre-assessment task
 - *“Let’s see how much you already know about...”*
 - *“I don’t expect you to be able to do it, but you might be able to do parts of it...”*
 - *“Let’s see what you can do and what you still need to learn or practice...”*
2. **Engage student in identifying specific concepts/processes** they need to learn and/or practice to become more confident in the content.
 - *“What parts were hard?”*
 - *“What parts were foggy?”*
 - *“What do you need help with?”*
 - *“What doesn’t make a bit of sense to you?”*
3. **Teach/Review necessary concepts** and skills by explicitly explaining the whys and the hows.
 - *“Here’s how you do this part...”*
 - *“These are the steps to complete...”*
 - *“Let’s try this together...”*
 - *“This is why this part is important...”*
 - *“Doing it this shows you understand...”*
 - *“This helps you practice...”*
4. **Provide independent practice** activities similar to the pre-assessment activity (possibly leveled from easier to more difficult).
 - *“See how much you can do on your own so we can figure out what you still don’t understand...”*
 - *“Show that you’ve got this down pat by ...”*
5. **Define what success looks like** so students know what the purpose of the practice activities are.
 - *“We’ll know you’ve got it when ...”*
 - *“These are the attributes of a successful project...”*
 - *“This is what teachers are looking for when they’re grading something like this...”*
6. **Encourage student questions** before they attempt the practice activity.
 - *“What don’t you understand?”*
 - *“What part of the task do you think might stump you?”*
 - *“What questions do you have?”*

7. **Suggest strategies** students might try if they get stumped during the activity.
 - *“If you have a problem, try...”*
 - *“If you get lost, go back to the last part where you knew what you were doing and see if you can find where you went off track...”*
 - *“Write down any questions you have as you go.”*
8. **Provide ‘check-in’ options** for student to ask questions for additional guidance.
 - *“I’ll check back in 5 minutes to see if you have any questions...”*
 - *“If you’re stumped, list three different things you tried and then we can look at those the next time we meet.”*
9. **Provide self-assessment strategies** for students to use as they work independently.
 - *“Your finished task will include...”*
 - *“You know you’ve been successful when...”*
 - *“Even if you don’t get the right answer or finish the task, you’ll know you’ve done a good job because...”*
10. **Include students in post-assessment** that includes work ethic and confidence level.
 - *“What did you do well?” ... “Here’s what I see that you did well...”*
 - *“What are you proud of?” ... “I noticed that you were able to...”*
 - *“How would you describe your problem-solving on this?” ... “I like the way you...”*
 - *“What parts do you still have trouble with?” ... “Here are three things to focus on...”*
 - *“Based on this, what do you think you need to work on next?” ... “Let’s make a plan to...”*

More Tutoring Tips:

1. Use household objects as counters (i.e. toothpicks, paperclips work well).
2. Instead of asking students to complete a problem, ask them to explain how they might go about solving the problem (i.e. how would you figure out...) in order to see if students grasp concepts.
3. Use the whiteboard feature to complete problems...or just use a legal pad as your 'whiteboard'—hold the pad so that the lines run up and down and use the lines as columns to show proper alignment of numbers.
4. Investigate real-life applications (i.e. what was the difference between the high temperature and the low temperature yesterday? What was the average temperature last week? How many $\frac{1}{4}$ cups of water will it take to fill the 1 cup measure?).
5. Make/provide bingo cards for scavenger hunt activities (find three triangles, find items that start with the same letter as your first name, create a game that uses dice, etc.)—kids could help develop their own bingo grid cards that include content items.
6. Use decks of cards or numbered dice to play math fact games.
7. Consider real-life applications such as writing letters, how to write a book summary, how to give a book talk, how to read a recipe, how to balance a checkbook, how to plan a balanced meal, how to read nutrition labels.
8. Use the a blank Word/Pages document and the Zoom share screen feature to practice writing words, sentences, paragraphs, dialogue, poems, and stories.
9. Use a very rough Word/Pages draft and the Zoom share screen feature to teach editing/revising skills.
10. After 'visiting' an online museum, choose a piece of art to describe, write metaphors, write a poem, use in a story, etc. or choose two pieces of art to compare/contrast.
11. You can use GoogleDocs to share documents (use in conjunction with Zoom)—set/send link to view and edit and you both can view and edit it in real time (it also gives you the ability to go back and review previous document
12. Set your guidelines a successful tutoring session during the first session