

Middle School Mathematics Parent Information



Accessing the Online Textbook for Students

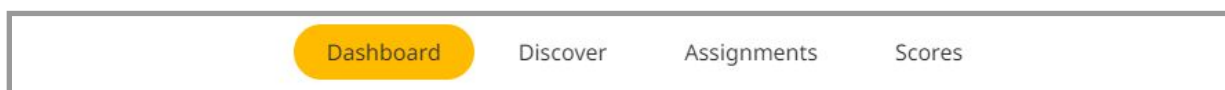
Log into the online textbook via the portal.

- Go to portal.isdschools.org
 - User Name: Student Number, Password: g+Student Number
- Click on the **Virtual Learning Environments** folder
- Click on **HMH Ed**

If portal access is not working, access your online student account using the following directions.

- Go to www.hmhco.com/ed
- For **State**, select **Missouri**
- For **District** select **Independence School Dist 30**
- For **User Name** use your **student email address**
- For **Password** use **g+student number** (example g1234567)

Navigating the Online Resource



DASHBOARD: This tab will show assignments due today or past due assigned by your teacher in HMH Ed. You will also see scores for recent assignments here.

DISCOVER: This tab will allow you to access all of the textbook content. Click on the module name to access the interactive content. Click on Student Resources, then Open next to a Student edition to access the eBook. Click Contents in the upper left to show the Table of Contents and navigate through eBook content.

ASSIGNMENTS: Any upcoming or past assignments will be shown here.

SCORES: Access scores for submitted work here.

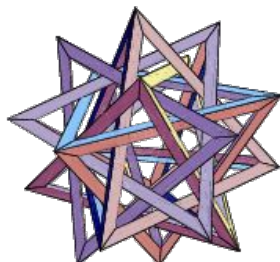


Your child's math teacher may utilize an online tool called DeltaMath for additional math practice and instructional videos.

To log in to DeltaMath, your child should go to DeltaMath.com, click Login and then click Log in with Google.

For more information contact your child's teacher.

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How can I help make math a positive experience for my child?

- **Praise effort and hard work rather than “smartness” or speed.**

While some children have an easier time in mathematics in others, ALL children have the capacity to learn high levels of mathematics. By praising students’ thinking and perseverance rather than how quickly they can solve a problem, you open up the time, space, and opportunity for students to investigate, make mistakes, and construct understanding.

- **Encourage students with probing questions, even when their thinking is incorrect.**

For example, if a child arrives at an answer that is unreasonable, ask the child to evaluate whether the answer makes sense, have them communicate their thought process to you, or have them draw a picture to represent the problem.

- **Encourage students to notice and wonder about the world around them.**

Questions such as “What do you notice?,” “What do you wonder?,” and “I’m not sure, what do you think?,” encourage children to notice patterns, generalize, and make observations about problems they encounter and the world around them. These are great conversation starters at the dinner table, driving in the car, or while doing everyday tasks around the house/outside.

- **Do not share with your child that you were not good at math or that you dislike math.**

Research shows that this message can be damaging to children, and affects their mindset and approach to math problems and math class.

See also “A Math Major Talks About Fear” and youcubed.org.

General Principles of Middle School Grading:

- Grades should represent student mastery of essential standards in a subject.
- Non-academic factors such as participation, effort, and attitude should be reported separately from academic grades.
- Student work should be measured based on predetermined levels of quality (proficiency scales) rather than subjective or changing criteria.
- Grades should provide meaningful feedback to help drive improvement.
- Students learn material at different rates, so they should have the ability to relearn and re-assess in order to show improvement.

Free Online Math Resources

- ❑ Khan Academy
<https://www.khanacademy.org/math>
- ❑ Figure This! Math Challenges for Families
figurethis.org
- ❑ Refraction
play.centerforgamescience.org/refraction/
- ❑ Greg Tang Math Games
gregtangmath.com/games
 - ❑ NumTanga
 - ❑ Kakooma
 - ❑ Espresso
 - ❑ Satisfaction
 - ❑ ...and many more!
- ❑ KenKen Puzzles
www.kenkenpuzzle.com/

