**Math Resources**

**\* Multiplication flash cards are a great resource for you child to be able to memorize their facts. Knowing their multiplication facts makes other math skills easier and helps make connections through all math skills.**

Websites

1. <https://edu.symbaloo.com/mix/ccssmathgrades3-5-> This site is your go to site for ALL virtual manipulatives your child will need to be successful on the TNready test at the end of the year.
2. <https://learnzillion.com/resources/73932>- will provide videos for students and parents on how we are solving math problems.
3. <https://www.khanacademy.org/math-> another source for great videos
4. <http://illuminations.nctm.org/-> Great for online manipulatives
5. <http://studyjams.scholastic.com/studyjams/-> kid friendly videos of how to solve a problem (not just for math skills)
6. <https://www.teacherspayteachers.com/-> Great website to find free task cards(flash cards), worksheets, powerpoints, etc.
7. <http://www.glencoe.com/sites/common_assets/mathematics/ebook_assets/vmf/VMF-Interface.html-> Students can use virtual manipulatives
8. <http://www.mathlearningcenter.org/web-apps/number-pieces/-> base ten block manipulatives site. This can also be bought as an APP.
9. <http://nces.ed.gov/nceskids/createagraph/default.aspx-> Create a graph
10. <http://www.edulastic.com/-> great site for online test questions

APPS

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| **Icon** | **Name** | **Developer** | **Subject** | **Grades** | **Description** | **Cost** |
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 | SchoolKit Math | Scott Glickman | Math | K-5 | Schoolkit Math is a free toolkit for the math teaching tools used in classrooms. The app contains: Number Line, Hundreds Chart, Ten Frame, Arrays, Money, Math Challenge, Fraction Kit, Number Houses, Tether Math, Number Tiles, Multiplication Table, Dot Grid, Bar Graph, and Shapes (from the AppStore Description) | Free |
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 | Popplet Lite | Notion | All | K-2; 3-5; MS; HS | Graphic organizer/mind mapping app that allows users to add text, drawings, images, and linking lines to bubbles for organizer. | Free |
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 | Geogebra | International GeoGebra Institute (IGI) | Math | 3-5; MS; HS | Dynamic software for modeling, measuring, and understanding math concepts in geometry, algebra, graphing, and calculus. Work can be shared via email and opened on **Mac OS X and Windows apps.** | Free |
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 | Geoboard, by the Math Learning Center | Clarity Innovations | Math | K-2; 3-5 | Virtual manipulative for many mathematical concepts, such as line segments, polygons, perimeter, area, angles, congruence, fractions, and more. Web-based version for use with computers at http://catalog.mathlearningcenter.org/apps  | Free |
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 | Number Pieces, by the Math Learning Center | Clarity Innovations | Math | K-2; 3-5 | Base 10 pieces up to hundreds, or flats, that can be composed/decomposed, can show area models for multiplication and division. Virtual marker board can be used to annotate. Web-based version for use with computers at http://catalog.mathlearningcenter.org/apps  | Free |
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 | Number Line, by the Math Learning Center | Clarity Innovations | Math | K-2; 3-5 | Virtual manipulative to visualize addition, subtraction, multiplication, and division concepts with whole numbers. Number Line can show 1s, 2s, 5, 10s, 25s, 100s, and custom divisions. Web-based version for use with computers at http://catalog.mathlearningcenter.org/apps  | Free |
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 | Fill the Cup | Solla Carrock | Math | 3-5 | Use Fraction bars, cups with filled with fractions, balance scale, or a multiplication balance scale to build fraction understanding. | Free |
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 | K12 Equivalence Tiles | K12 Inc. | Math | 3-5 | Compare, add, and subtract fractions, decimals, and percents with these fraction bars. | Free |
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 | Educreations Interactive Whiteboard | Educreations, Inc. | All | K-2; 3-5; MS; HS | Interactive whiteboard app that allows text annotations, pictures, and drawings to build content knowledge; work can be saved to an Educreations account. Voice recordings can also accompany the work. | Free |
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 | Ruler Pro for iPhone, iPad, and iPad Mini | Tue Nguyen Minh | Math | 3-5 | Place small objects on iPad screen, then slide beginning and ending measurement lines along ruler showing inches and metric. | Free |
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 | Thinking Blocks Addition | Math Playground | Math | K-2; 3-5 | Solve addition and subtraction word problems with part-part whole strategy. | Free |
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 | Thinking Blocks Fractions | Math Playground | Math | 3-5 | Solve fraction word problems with part-part whole strategy. | Free |
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 | Thinking Blocks Multiplication | Math Playground | Math | 3-5 | Solve multiplication and division word problems with part-part whole strategy. | Free |