

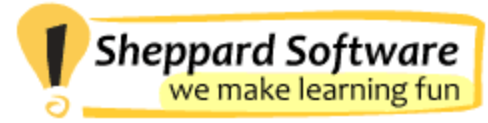
















Essential Mathematics Website and App List







WEBSITES



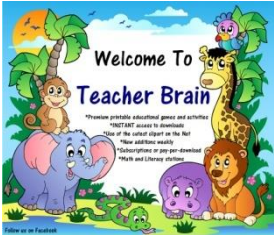


Website Name	Address URL	Stage	Description
<p>Tutpup</p> 	<p>http://www.tutpup.com/</p>	<p>All</p>	<p>Games – Number Online games where you play against other players from all around the world. Games teach the 4 operations and algebra and have different ability levels.</p>
<p>Cookie</p> 	<p>http://www.cookie.com</p>	<p>ES1-Stage 1</p>	<p>Games, Worksheets – Number Online games, videos and worksheets focusing on numbers, fractions, tallying and time.</p>
<p>Sheppard Software</p> 	<p>http://www.sheppardsoftware.com/math.htm</p>	<p>All</p>	<p>Games – All Strands Online games with a few tutorials to play on the IWB or in computer sessions. Has games for number, time, geometry, place value, decimals, measuring and time.</p>
<p>Copacabana Get Smart</p> 	<p>http://getsmarts.weebly.com/index.html</p>	<p>All</p>	<p>Game Links – All Strands A central location with a range of websites providing games and categorised in Math Strands and Stage. Australian based.</p>
<p>Yowie Bay</p> 	<p>http://yowiebayps.com.au/interactive/math.htm</p>	<p>All</p>	<p>Game Links – All Strands Contains direct links to web pages for all Mathematical concepts for your computer and IWB.</p>





<p>Study Ladder</p> 	<p>http://www.studyladder.com.au</p>	<p>All</p>	<p>Games, Worksheets, Activities – All Strands Contains IWB games, posters, worksheets and workbooks to view and download for all maths strands. You can set tasks for your class.</p>
<p>Khan Academy</p> 	<p>https://www.khanacademy.org</p>	<p>All+</p>	<p>Games + Exercises – All Strands This is like a cross between Study Ladder and Mathletics. You can add students and assign them work and check their progress as they answer questions online. This is free.</p>
<p>Mathletics</p> 	<p>http://www.mathletics.com.au</p>	<p>All</p>	<p>Games + Exercises – All strands A subscription website where students answer questions to earn points and it keeps track of the best 'mathlete' each week. Compares scores with children around the world.</p>
<p>Math Seeds</p> 	<p>http://mathseeds.com.au</p>	<p>ES1-Stage 1</p>	<p>Game Adventure – Number From the creators of Reading Eggs. Students progress through levels of games and mini lessons focusing on number. This is Australian and a paid subscription site.</p>
<p>Count Me In Too</p> 	<p>http://www.curriculumsupport.education.nsw.gov.au/countmein/children.html</p>	<p>ES1-Stage 1</p>	<p>Games – Number IWB games to play. From curriculum support.</p>
<p>Count Us In (ABC)</p> 	<p>http://www.abc.net.au/countusin/games.htm</p>	<p>ES1-Stage 1</p>	<p>Games – Number 15 fun mini games to help with maths concepts. Volume, length, time, sorting and numbers.</p>




<p>Cool Math for Kids</p> 	<p>http://www.coolmath4kids.com</p>	<p>All</p>	<p>Games + Activities – Number Games and lesson ideas that are engaging and inviting to students.</p>
<p>ICT Games</p> 	<p>http://www.ictgames.com/resources.html</p>	<p>All</p>	<p>Games - Number This site provides educational ICT activities linked to the Maths Curriculum. Categories include doubles, place value, odd and even, number facts and rounding.</p>
<p>Topmarks</p> 	<p>http://www.topmarks.co.uk/maths-games</p>	<p>All</p>	<p>Games – All Strands Choose your Stage and target Maths area and a list of online games will come up for your class to play.</p>
<p>Fun Brain</p> 	<p>http://www.funbrain.com/brain/MathBrain/MathBrain.html</p>	<p>Stage 1-3</p>	<p>Games - Number Site contains a maths arcade where students can play fun, interactive games.</p>
<p>Sum Dog</p> 	<p>http://www.sumdog.com</p>	<p>Stage 1-3</p>	<p>Games – Number Interactive website where students can create an avatar and play maths games against other people from around the world. Bright and fun graphics.</p>
<p>Multiplication.com</p> 	<p>http://www.multiplication.com</p>	<p>All</p>	<p>Games – Number Games, worksheets, information, quizzes, etc to help mostly with multiplication, but also addition and subtraction.</p>

<p>Snappy Maths</p> 	<p>http://www.snappymaths.com</p>	<p>All</p>	<p>Games + Activities – Number Games, worksheets and other activities for the 4 number operations.</p>
<p>Interactive Games</p> <p>Interactive Games</p> 	<p>http://resources.oswego.org/games</p>	<p>Stage 1-3</p>	<p>Games – Number Play premade games, or design your own. Many different levels of the same game.</p>
<p>Woodlands Resources</p> 	<p>http://resources.woodlands-junior.kent.sch.uk/maths</p>	<p>All</p>	<p>Games – All Strands Interactive games to help improve maths skills.</p>
<p>Maths For Kids</p> <p>Maths For Kids</p> 	<p>http://www.math-exercises-for-kids.com</p>	<p>All</p>	<p>Games – Number Mini online games with 3 difficulty levels. Also lets children compete as an ‘Olympian’ in quizzes.</p>
<p>IXL</p> 	<p>http://au.ixl.com/math</p>	<p>All+</p>	<p>Games – All Strands Has games and mini online activities for all grades from K-11 and aligns with the Australian Curriculum. “Practice that feels like play.”</p>
<p>PBS Kids – Maths Games</p> 	<p>http://pbskids.org/games/literacy.html</p>	<p>ES1-Stage 1</p>	<p>Games - Number A big collection of fun games to play on the IWB, featuring some favourite TV show characters. Games for counting, shapes, etc.</p>


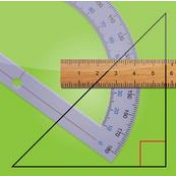
Bitesize(BBC) 	http://www.bbc.co.uk/bitesize	All +	Games – All Strands UK-based, but very valuable information. Gives explanations about maths concepts and strategies, has games, activities and quizzes to see if you have mastered the concepts.
Crickweb 	http://www.crickweb.co.uk	All	Games + Activities – All Strands Different games for counting, ordering, division, weight, etc. Categorised into Stages. Games are UK-based.
Learning Clip 	http://www.learningclip.co.uk/Free-primary-Maths-Resources.aspx	All	Games + Activities – All Strands IWB games, introduction videos and worksheets on different mathematical concepts.
Smart Exchange – IWB Activities 	http://exchange.smarttech.com	All	Notebook Activities – All Strands Contains Smart Notebook activities to download for free and use in your classroom.
Australian Curriculum Lessons 	http://www.australiancurriculumlessons.com.au	All	Lessons – All Strands Provides lessons and ideas for all subjects.
AAMT Units Of Work 	http://www.aamt.edu.au/Activities-and-projects/The-Learning-Federation/Units-of-Work	All	Lessons + Units – All Strands Units made by teachers for you to download. Site contains other valuable information.






Learning 21st Century Snapshot Learning.21stCentury.Snapshot	http://snapshot-21stcentury-learning.weebly.com/mathematics-ac-main.html	All	Lessons + Information – All Strands A fantastic website for the new curriculum. Has information, scope and sequences, the maths continuum, assessment ideas, etc.
TES Australia 	http://www.tesaustralia.com/home.aspx	All	Lessons, Worksheets – All Strands Once signed up for free, you gain access to thousands of teacher-created lesson ideas, activities and resources.
MTS Online 	http://www.schoolcentre.com.au	Stage 2-3	NAPLAN Tests – All Strands Site contains past NAPLAN tests to look at. They do have watermarks over the top unless you opt for a trial or subscription.
Teacher Brain 	http://www.teacherbrain.com.au	All	Maths Printables – All Strands A site specifically for Maths Stations. It is a subscription site, but a lot of resources start at 50c. Instant downloads of activities, boardgames, posters & workbooks. Has lots of valuable freebies & is Australian.
Education.com 	http://www.education.com	All	Maths Printables – All Strands Lots of free printables to download. Games, worksheets and ideas.
ABC Teach 	http://www.abcteach.com	All	Worksheets – All Strands A free and subscription site with worksheet printables on all aspects of Mathematics.






<p>Primary Resources</p> 	<p>http://www.primaryresources.co.uk/maths/maths.htm</p>	<p>All</p>	<p>Worksheets – All Strands Worksheets for all Maths concepts.</p>
<p>Math Worksheet Site</p>  <p>On-line Math Worksheet Generator</p>	<p>http://themathworksheetsite.com</p>	<p>All</p>	<p>Worksheets – Number Create your own worksheets by selecting the number of questions, what numbers you want to use and what operation. You can create some on time and measurement too.</p>
<p>Wigan Schools</p> 	<p>http://www.wiganschoolsonline.net/curriculum/maths/assess.shtm</p>	<p>All</p>	<p>Printable Tests – Number Quiz questions, worksheets and answers put into a grid by grade.</p>
<p>ABC Splash</p> 	<p>http://splash.abc.net.au/early-primary/maths http://splash.abc.net.au/upper-primary/maths</p>	<p>All+</p>	<p>IWB Resources – All Strands Activities to match the Australian Curriculum. Student, whole class and teacher resources. Videos, games etc. Easy to search and navigate in a variety of ways. Interesting to introduce different concepts.</p>
<p>Skool</p> 	<p>http://lgfl.skool.co.uk</p>	<p>Stage 2-3</p>	<p>IWB Resources – All Strands Mini clips, videos and tutorials to explain different maths concepts.</p>
<p>Teacher LED</p> 	<p>http://www.teacherled.com</p>	<p>Stage 2-3</p>	<p>IWB Resources – All Strands Mini clips and manipulatives to explain different maths concepts.</p>
<p>Virtual Manipulatives</p> 	<p>http://nlvm.usu.edu/en/nav/category_g_2_t_2.html</p>	<p>Stage 2-3</p>	<p>IWB Resources – All Strands Manipulatives to explain different maths concepts. Includes base 10 blocks, pentominoes, etc</p>

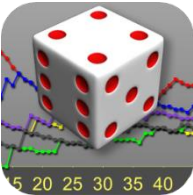



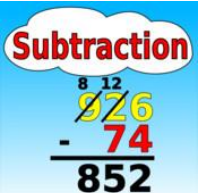
Class Clips (BBC) <small>LEARNING ZONE BROADBAND CLASS CLIPS</small>	http://www.bbc.co.uk/learningzone/clips/topics/primary.shtml#maths	All	IWB Resources – All Strands Mini clips, videos and tutorials to explain different maths concepts.
Number Jacks 	http://www.youtube.com/user/NumberjacksEpisodes?feature=watch	ES1-Stage 1	Youtube Clips – Number Cute and colourful 15 minute clips around numbers.
Zondle 	https://www.zondle.com	All	Create Your Own Quiz – All Strands This site is free and gives you mini games where you can insert the questions. Lots of fun and interactive.
Figure This 	http://www.figurethis.org/index.html	Stage 2-3	Math Challenges Fun maths challenges for students. Make it a class competition or set it for homework.
Mudd Fun Maths Facts 	http://www.math.hmc.edu/funfacts	Stage 3	Maths Facts Different fun facts each day on a range of different topics.
Numeracy In The News 	http://www.mercurynie.com.au/mathguys/mercury.htm	Stage 3	Maths In Newspaper Articles Site contains links to newspaper articles and has student questions relating to different maths concepts.
Maths Dictionary 	http://www.amathsdictionaryforkids.com	All	Maths Dictionary + Charts – All Strands A dictionary where you can click on a mathematical word and it will explain the meaning. Also has charts with bright pictures.




APPS

App Name	Cost	Stage	Description
Think 3D Tap 	Free	All	Shapes Has a range of 3D Objects that you can manipulate on the screen and add more objects to it. Allows students to view the 3D object on the screen in different views.
Tap Blocks 	Free	All	Shapes Allows students to manipulate a cube on the screen and add more cubes to it. Great for 3D Objects and volume and capacity,
Jungle Geometry 	\$2.99	Stage 1-3	Shapes Learn shapes and angles. Measure with a ruler and protractor.
Geoboard 	Free	All	Shapes Interactive Geoboard. Great for 2D Shapes.

<p>Dragon Shapes</p> 	Free	Stage 1-2	<p>Shapes A story about a dragon that goes missing and leaves behind different shapes. The students then use these shapes to create different objects. Independent activity.</p>
<p>Tangram</p> 	Free	All	<p>Shapes Students use a tangram to create different shapes independently or use a template to create different shapes.</p>
<p>Geometry Combat</p> 	\$0.99	Stage 3+	<p>Shapes and Area Play against a partner or computer using formulas or sometimes counting squares find the area of over 100 shapes including triangles, trapezoids and parallelograms.</p>
<p>Maths Geometry</p> 	\$0.99	ES1- Stage 1	<p>Shapes 2D shapes, 3D Objects, Angles, Triangles and Transformation (flip, slide, turn).</p>
<p>Mr. Wolf</p> 	Free	Stage 1-2	<p>Time Has information about time such as 60 seconds = 1 min. It also asks student to manipulate a clock to make the time in both AM and PM. Has a blank clock that the numbers need to be added onto. Can be used without internet access.</p>

<p>Telling Time quiz</p> 	Free	All	<p>Time Quiz question about the time. It asks for the time in hrs and then half-past and so on as levels progress. Students pick the correct answer on an analogue clock</p>
<p>Let's Learn Time</p> 	Free	ES1- Stage 1	<p>Time Levels with results being available via email on students progress to help monitor. Asks for students to identify which number is missing off the clock face.</p>
<p>Telling Time</p> 	Free	Stage 1-3	<p>Time Students are able to press in a different way to tell the time by using hour and minute buttons to create the analogue time in digital time.</p>
<p>Koala Math 1-6 Position</p> 	\$1.99	ES1- Stage 1	<p>Position Encourages knowledge of over, under, front, left and right.</p>
<p>Kids Math: Graphs & Data Worksheets (Grade 1)</p> 	\$0.99	ES1- Stage 1	<p>Graphing and Data Practise interpreting different graphs to display data.</p>

ChanceLab 	\$0.99	Stage 2-3	Statistics and Probability Flip a coin, spin a spinner, roll a die and then examine the results in a table, bar chart, or innovative line graph.
Patterns Game 	Free	ES1- Stage 1	Patterns and Algebra Practise patterns using different pictures. Has two different levels.
Place Value MAB Addition 	\$1.99	Stage 1-3	Addition Using visual MAB blocks and place value to physically move the block to complete numbers up to 99999.
Maths Cakes 	Free	Stage 1-3	Addition Students use maths adding skills to complete cupcake orders for two digit additions
Subtraction 	Free	Stage 1-3	Subtraction Different subtraction sums. Has trading, bigger numbers, etc.

<p>HappyMath Multiplication Rhymes Free</p> 	Free	Stage 1-2	<p>Multiplication Multiplication rhymes, race yourself, earn medals whilst learning times table facts.</p>
<p>Multiplication Table Quiz-Times Tables study App</p> 	Free	Stage 1-3	<p>Multiplication Quiz students on them time table with instant feedback to help them improve.</p>
<p>Divide it up: puppies</p> 	Free	Stage 1-2	<p>Division Use a dividing tool to divide how many biscuits or toys a puppy gets.</p>