**RESOURCES BY SUBJECTS**

**Source - www**

**MATH**

RAINFORESTS

The Rainforest Maths activities are available as part of a [Mathletics](http://www.mathletics.com) subscription. Using Rainforest Maths is an excellent way to begin integrating ICT into your Maths curriculum. To explore all the possibilities, organise a FREE trial of Mathletics in your school by contacting

[customerservice@3plearning.com](mailto:customerservice@3plearning.com?subject=Rainforest%20Maths).

<http://www.rainforestmaths.com/>

FUNBRAIN

<http://www.funbrain.com/brain/MathBrain/MathBrain.html>

NATIONAL COUNCIL FOR MATH TEACHERS

<http://illuminations.nctm.org/ActivitySearch.aspx>

NATIONAL LIBRARY FOR VIRTUAL MANIPULATIVES

<http://nlvm.usu.edu/>

EARLY MATH

<http://www.pbs.org/parents/earlymath/>

BASIC PROBABILITY

<http://www.brainpop.com/math/probability/basicprobability/preview.weml>

PROBABILITY

<http://www.mathplayground.com/probability.html>

MAKING CHANGE

<http://www.mathplayground.com/making_change.html>

COUNT THE MONEY

<http://www.mathplayground.com/count_the_money.html>

MEASURING ANGLES

<http://www.mathplayground.com/measuringangles.html>

ALIEN ANGLES

<http://www.mathplayground.com/alienangles.html>

FRACTION BARS

<http://www.mathplayground.com/Fraction_bars.html>

PLAY WITH NUMBERS : GIVE YOUR BRAIN A WORKOUT

<http://www.mathplayground.com/wordproblems.html>

MATH OLYMPICS

<http://www.mathplayground.com/olympic_math1.html>

MATH MILLIONAIRE

fractions, geometry, decimals, percentages, averages, and more

<http://www.mathplayground.com/math_millionaire.html>

PERCENT SHOPPING

<http://www.mathplayground.com/percent_shopping.html>

MATH AT THE MALL – MONEY AND DECISION MAKING

<http://www.mathplayground.com/mathatthemall1.html>

VISUALIZING PERCENTAGES

<http://www.mathplayground.com/visualpercent.html>

CALCULATOR CHAOS

<http://www.mathplayground.com/calculator_chaos.html>

NUMBER INVADERS

<http://www.mathplayground.com/balloon_invaders.html>

SPACE RACER MULTIPLICATION

<http://www.mathplayground.com/spaceracer_multiplication.html>

SUBTRACTION AND ADDITION OF FRACTIONS

<http://www.brainpop.com/math/numbersandoperators/addingandsubtractingfractions/preview.weml>

SPEEDY SUMS

<http://www.mathplayground.com/speedy_sums.html>

LEARN TO USE A CALCULATOR

<http://www.hbschool.com/activity/calculator_gr1/>

AREA AND PERIMETRE OF RECTANGLES

<http://www.mathplayground.com/area_perimeter.html>

PATTERNS FOR SOLID FIGURES

<http://www.hbschool.com/activity/elab2004/gr4/21.html>

GEOMETRIC CONCEPTS

<http://www.mathplayground.com/geoboard.html>

GEOMETRIC SHAPES

<http://www.mathplayground.com/patternblocks.html>

TUMBLETOWN VALLEY

<http://www.uen.org/tumbletown/index.shtml>

GRAPHING LINEAR EQUATIONS

<http://www.brainpop.com/math/dataanalysisandprobability/graphinglinearequations/>

<http://www.brainpop.com/math/algebra/graphinglinearequations/preview.weml>

FUNCTION MACHINE

<http://www.mathplayground.com/functionmachine.html>

MATH BARS (ALGEBRA)

<http://www.mathplayground.com/mathbars.html>

SPACE BOY TO THE RESCUE – LOCATE THE COORDINATES

<http://www.mathplayground.com/spaceboyrescue.html>

LOCATE THE ALIENS -NAME THE COORIDNATES OF A POINT ON THE GRAPH -

<http://www.mathplayground.com/locate_aliens.html>

MULTIPLE ALGEBRAIC EQUATIONS

<http://www.mathplayground.com/wangdoodles.html>

ALGEBRA PUZZLES

<http://www.mathplayground.com/algebra_puzzle.html>

ALGEBRAIC REASONING

<http://www.mathplayground.com/algebraic_reasoning.html>

[WWW.LEARNINGPLANET.COM](http://WWW.LEARNINGPLANET.COM) - SUBSCRIPTION

[WWW.MATHPLAYGROUND.COM](http://WWW.MATHPLAYGROUND.COM)

SCIENCE AND MATH VIDEOS

[WWW.BRAINPOP.COM](http://WWW.BRAINPOP.COM) –

BASIC PROGRAMMING

<http://www.mathplayground.com/mathprogramming.html>

BASIC LOGIC

<http://www.mathplayground.com/logicgames.html>

ROBO MAN

<http://www.albinoblacksheep.com/games/bloxorz>

**SCIENCE**

MAGNETISM AND ELECTICITY

<http://www.fossweb.com/modules3-6/MagnetismandElectricity/index.html>

ELECTRICITY ALL AROUND US

[**http://science5.greenlearning.ca/**](http://science5.greenlearning.ca/)

**SOLAR ENERGY**

[**http://www.fossweb.com/modules3-6/SolarEnergy/index.html**](http://www.fossweb.com/modules3-6/SolarEnergy/index.html)

**ENERGY CONSERVATION**

[**http://www.wonderville.ca/v1/activities/energy/energy.html**](http://www.wonderville.ca/v1/activities/energy/energy.html)

**ELECTRICAL CONDUCTORS**

[**http://www.bbc.co.uk/schools/ks2bitesize/science/physical\_processes/circuits\_conductors/play.shtml**](http://www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/circuits_conductors/play.shtml)

**MAGNETS AND SPRINGS**

[**http://www.bbc.co.uk/schools/ks2bitesize/science/physical\_processes/magnet\_springs/play.shtml**](http://www.bbc.co.uk/schools/ks2bitesize/science/physical_processes/magnet_springs/play.shtml)

**ELECTROMAGNETS**

[**http://www.harcourtschool.com/activity/electromagnets/**](http://www.harcourtschool.com/activity/electromagnets/)

**MAGNETIC POLES**

[**http://www.harcourtschool.com/activity/science\_up\_close/316/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/316/deploy/interface.html)

**ELECTRIC CIRCUITS**

[**http://www.andythelwell.com/blobz/**](http://www.andythelwell.com/blobz/)

**INTERACTIVE SCIENCE AND ENGINEERING**

[**http://www.engineeringinteract.org/resources/siliconspies/siliconspieslink.htm**](http://www.engineeringinteract.org/resources/siliconspies/siliconspieslink.htm)

**CHANGING CIRCUITS**

[**http://www.bbc.co.uk/schools/scienceclips/index\_noflash.shtml**](http://www.bbc.co.uk/schools/scienceclips/index_noflash.shtml)

**INTERACTIVE CIRCUIT builder**

**ELECTRIC CIRCUITS**

[**http://www.harcourtschool.com/activity/science\_up\_close/203/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/203/deploy/interface.html)

**HOW A BATTERY WORKS**

[**http://www.harcourtschool.com/activity/science\_up\_close/302/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/302/deploy/interface.html)

**MATERIALS SMACKDOWN – EXPLORING SOLIDS**

[**http://www.strangematterexhibit.com/properties.html**](http://www.strangematterexhibit.com/properties.html)

**CHANGING STATES – INTERACTIVE LABELING**

[**http://www.crickweb.co.uk/assets/resources/flash.php?&file=changingstate**](http://www.crickweb.co.uk/assets/resources/flash.php?&file=changingstate)

[**http://www.bbc.co.uk/schools/scienceclips/ages/9\_10/index\_noflash.shtml**](http://www.bbc.co.uk/schools/scienceclips/ages/9_10/index_noflash.shtml)

**GASES AROUND US**

[**http://www.bbc.co.uk/schools/scienceclips/ages/9\_10/gases.shtml**](http://www.bbc.co.uk/schools/scienceclips/ages/9_10/gases.shtml)

**JUNKYARD ANALYSIS – MIXTURES AND SOLUTIONS**

[**http://www.fossweb.com/modules3-6/MixturesandSolutions/index.html**](http://www.fossweb.com/modules3-6/MixturesandSolutions/index.html)

**REVERSIBLE AND IRREVERSIBLE CHANGES**

[**http://www.bbc.co.uk/schools/scienceclips/ages/10\_11/index\_noflash.shtml**](http://www.bbc.co.uk/schools/scienceclips/ages/10_11/index_noflash.shtml)

**STATES OF MATTER**

[**http://www.harcourtschool.com/activity/states\_of\_matter/index.html**](http://www.harcourtschool.com/activity/states_of_matter/index.html)

**MELTING AND BOILING POINTS**

[**http://www.harcourtschool.com/activity/hotplate/index.html**](http://www.harcourtschool.com/activity/hotplate/index.html)

**MIXTURES IN LAB- MAKING MUFFINS**

[**http://www.harcourtschool.com/activity/science\_up\_close/202/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/202/deploy/interface.html)

**WEATHER AND PREDICTING REPORTING**

[**http://www.edheads.org/activities/weather/index.htm**](http://www.edheads.org/activities/weather/index.htm)

**SKYWATCHERS**

[**http://www.on.ec.gc.ca/skywatchers/index\_e.html**](http://www.on.ec.gc.ca/skywatchers/index_e.html)

**WATER CYCLE**

[**http://www.biology.ualberta.ca/facilities/multimedia/uploads/alberta/watercycle.html**](http://www.biology.ualberta.ca/facilities/multimedia/uploads/alberta/watercycle.html)

**WATER CYCLE**

[**http://www.harcourtschool.com/activity/science\_up\_close/308/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/308/deploy/interface.html)

**ANIMATED NATURAL DISASTERS**

[**http://news.bbc.co.uk/2/hi/asia-pacific/5194316.stm**](http://news.bbc.co.uk/2/hi/asia-pacific/5194316.stm)

**NASA WILD WEATHER ADVENTURE GAMES**

[**http://spaceplace.jpl.nasa.gov/en/kids/goes/wwa/index.shtml**](http://spaceplace.jpl.nasa.gov/en/kids/goes/wwa/index.shtml)

**MORPHIES WATER RIDES**

[**http://www.on.ec.gc.ca/greatlakeskids/morphie-home-e.html**](http://www.on.ec.gc.ca/greatlakeskids/morphie-home-e.html)

**HURRICANES**

[**http://www.brainpop.com/science/weather/hurricanes/preview.weml**](http://www.brainpop.com/science/weather/hurricanes/preview.weml)

**NATURAL DISASTERS**

[**http://www.brainpop.com/science/earthsystem/naturaldisasters/preview.weml**](http://www.brainpop.com/science/earthsystem/naturaldisasters/preview.weml)

**WETLAND WATCH**

[**http://www.redshiftnow.ca/wetland/**](http://www.redshiftnow.ca/wetland/)

**INTERACTIVE POND FOOD**

[**http://www.harcourtschool.com/activity/food/pond\_activity.html**](http://www.harcourtschool.com/activity/food/pond_activity.html)

**POND FROG EXPLORER**

[**http://www.exploratorium.edu/frogs/tracker/index.html**](http://www.exploratorium.edu/frogs/tracker/index.html)

**POND ECOSYSTEM**

[**http://www.harcourtschool.com/activity/science\_up\_close/313/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/313/deploy/interface.html)

**NONLIVING FACTORS IN ECOSYSTEM**

[**http://www.harcourtschool.com/activity/science\_up\_close/313/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/313/deploy/interface.html)

**WETLAND FOOD CHAINS**

[**http://www.bbc.co.uk/schools/scienceclips/ages/8\_9/habitats.shtml**](http://www.bbc.co.uk/schools/scienceclips/ages/8_9/habitats.shtml)

**ENERGY PYRAMIDS**

[**http://www.harcourtschool.com/activity/science\_up\_close/314/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/314/deploy/interface.html)

**SCIENCE FUN WITH AIRPLANES**

[**http://www.ag.ohio-state.edu/~flight/airpower2.html**](http://www.ag.ohio-state.edu/~flight/airpower2.html)

**HISTORY OF THE FLIGHT**

[**http://pbskids.org/wayback/flight/index.html**](http://pbskids.org/wayback/flight/index.html)

**FLIGHT GEAR SIMULATOR**

[**http://www.flightgear.org/**](http://www.flightgear.org/)

**DISCOVER EARTH LIVE**

[**http://dsc.discovery.com/discovery-earth-live/**](http://dsc.discovery.com/discovery-earth-live/)

**ECLIPSE**

[**http://www.brainpop.com/science/space/eclipse/preview.weml**](http://www.brainpop.com/science/space/eclipse/preview.weml)

**MARS**

[**http://www.brainpop.com/science/space/mars/**](http://www.brainpop.com/science/space/mars/)

**BIOMES**

[**http://www.harcourtschool.com/activity/science\_up\_close/604/deploy/interface.html**](http://www.harcourtschool.com/activity/science_up_close/604/deploy/interface.html)

**MUSIC**

<http://www.brainpop.com/artsandmusic/seeall/>

<http://pbskids.org/arthur/games/crankitup/crankitup.html>

<http://pbskids.org/africa/piano/piano.html>

<http://www.playmusic.org/>

VIRTUAL KEYBOARD

<http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/music/piano/index.htm>

**ART**

**THE ARTISTS VISUAL ELEMENTS**

[**http://www.artsconnected.org/toolkit/explore.cfm**](http://www.artsconnected.org/toolkit/explore.cfm)

**COLOUR FACTORY AT THE BBC**

[**http://www.bbc.co.uk/cbbc/games/?category=allgames#game=colourfactory**](http://www.bbc.co.uk/cbbc/games/?category=allgames#game=colourfactory)

**MIXING COLOURS**

[**http://www.hbschool.com/activity/color/color\_ii.html**](http://www.hbschool.com/activity/color/color_ii.html)

**ART EXPRESS**

[**http://www.hbschool.com/menus/art\_express.html**](http://www.hbschool.com/menus/art_express.html)

**VISCOSITY ABSTRACT ART CREATOR**

[**http://www.hbschool.com/menus/art\_express.html**](http://www.hbschool.com/menus/art_express.html)

**LANGUAGE skills (Elementary)**

WHAT IS A NOUN

<http://www.brainpop.com/english/grammar/nouns/preview.weml>

ANTONYMS, SYNONYMS AND HOMONYMS

<http://www.brainpop.com/english/grammar/antonymssynonymsandhomonyms/preview.weml>

PRONOUN CLUBHOUSE

<http://www.hbschool.com/activity/pronoun_clubhouse/index_pre.html>

GRAMMAR PRACTICE

<http://www.hbschool.com/menus/preview/harcourt_language/grammar_park.html>

READ,WRITE, THINK ACTIVITIES

<http://www.readwritethink.org/classroom-resources/student-interactives/>

FOLK TALES AND FABLES

<http://pbskids.org/lions/stories/>

READING FOR CHILDREN

<http://www.starfall.com/>

MATCH THE SOUND

<http://teacher.scholastic.com/clifford1/flash/phonics/index.htm>

ELMO RHYMES

<http://pbskids.org/sesame/elmo.html>

CHOOSE THE WORD

<http://pbskids.org/lions/games/pounce.html>

FUZZY EARS

<http://pbskids.org/lions/games/ears.html>

AURTHUR STORY SCRAMBLE

<http://pbskids.org/arthur/games/storyscramble/scramble.html>

STOP THE CLOCK

<http://www.oswego.org/ocsd-web/games/BangOnTime/clockwordres.html>

PUMPKIN MULTIPLES

<http://www.mathplayground.com/multiples.html>

LITTLE ANIMALS ACTIVITY CENTRE

<http://www.bbc.co.uk/schools/laac/numbers/chi.shtml>

COKKIE MONSTER PATTERN BUILDER

<http://www.sesamestreet.org/?contentId=110880&>

ZOE’S PET SHOP

<http://www.sesamestreet.org/?contentId=11230208>

LITTLE ANIMALS ACTIVITY CENTRE

<http://www.bbc.co.uk/schools/laac/music/fd1.shtml>

BRAIN GAMES FOR K-2

<http://www.uen.org/k-2interactives/brain.shtml>

LEARNING WHILE PLAYING

<http://www.dsokids.com/>