

Ysgol Rhiwabon Learning Resources

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About Our Learning Resources

This page brings together a collection of trusted educational websites and online resources recommended by departments at Ysgol Rhiwabon. These resources have been selected to support learning both in school and at home, helping students develop knowledge, skills and confidence across a wide range of subjects.

Whether you are revising for examinations, completing homework, exploring a new interest or looking for additional support, the links below provide opportunities to extend learning beyond the classroom.

Disclaimer

Ysgol Rhiwabon aims to provide links to useful educational resources to support learning at home and in school. External websites are maintained by third parties and their content may change without notice. Whilst every effort is made to ensure links are appropriate at the time of publication, Ysgol Rhiwabon accepts no responsibility for the content, accuracy or availability of external websites. Users should exercise due care when accessing external resources and report any concerns to the school. Where external services require account creation, parental supervision and review of privacy settings are recommended.

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Contents

About Our Learning Resources 2
Disclaimer 2
Mathematics & Numeracy 5
Recommended Resources 5
English & Literacy 6
Recommended Resources 6
Science and Engineering 7
Recommended Resources 7
ICT 8
Recommended Resources 8
Geography, Geology & Nature 9
Recommended Resources 9
History 10
Recommended Resources 10
Creative Arts & Music 11
Recommended Resources 11
Languages 12
Recommended Resources 12
GCSE & Examination Success 13
Recommended Resources 13

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Mathematics & Numeracy

Mathematics helps students develop confidence, problem-solving skills and logical thinking that support learning across all subjects and future careers. At Ysgol Rhiwabon, we encourage students to become independent learners, apply mathematics to real-world situations and achieve their personal best.

Recommended Resources

- MathsWatch https://mathswatch.co.uk/
- Absolute Maths http://home.absolutemathscourses.co.uk
- Beast Academy http://home.absolutemathscourses.co.uk
- CIMT https://www.cimt.org.uk/projects/mep/index.htm?fbclid=IwAR0YKMpm0gcSD1EuzVC16DXIGNltBjfrDHCNxTw6IIdMgZpZxgdzitdbbwo
- Corbett Maths https://corbettmaths.com/CIMT
- Conquer Maths https://conquermaths.com/
- Doodle Maths https://www.doodlemaths.com/
- Geometry Junkyard https://ics.uci.edu/~eppstein/junkyard/
- Life Of Fred https://www.lifeoffred.uniquemath.com/
- Maths Genie https://mathsgenie.co.uk/
- Mathletics https://www.mathletics.com/uk/
- Maths Frame https://mathsframe.co.uk/
- Maths, No Problem! https://mathsnoproblem.com/
- Mathseeds https://www.3plearning.com/mathseeds/
- Maths Whizz https://whizz.com/
- Number Shark https://www.wordshark.co.uk/numbershark/
- Number Stacks https://www.numberstacks.co.uk/
- Prodigy Maths https://www.prodigygame.com/referral.php?referralCode=01F631F5997D&referralName=Caroline%2BMukisa&referralOrigin=link

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English & Literacy

English and Literacy help students build confidence in reading, writing and communication, supporting success across all subjects.

Recommended Resources

- British Council, Learn English https://learnenglish.britishcouncil.org/
- Catherine Mooney https://www.catherinemooneytutoring.co.uk/
- Dyslexia Gold https://dyslexiagold.co.uk/
- English for Everyone https://englishforeveryone.org/
- Letter Join https://www.letterjoin.co.uk/
- Literacy Planet https://www.literacyplanet.com/
- Nessy https://nessy.com/en-gb/
- Reading Eggs https://readingeggs.co.uk/
- Scribe Easy https://www.scribeasy.com/
- Spellodrome https://www.3plearning.com/#/home
- Teach your Monster https://www.teachyourmonster.org/
- Toe by Toe https://toe-by-toe.co.uk/
- Wildkrats https://dm-ed.com/?fbclid=IwAR02wK9_hgMPpijxWlO9dlkKJotTHw-5NUoCuSQoXUeDblMTP5o9hB-_hP0
- Wild Literacy https://wildliteracy.com/
- WordShark https://www.wordshark.co.uk/

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Science and Engineering

Science and Engineering encourage curiosity, investigation and problem-solving, helping students understand the world around them and the role science plays in modern society.

Recommended Resources

- ABPI https://www.abpischools.org.uk/
- BP Educational Service https://bpes.bp.com/
- Chemspider http://www.chemspider.com/
- Curiosity Box https://www.curiositybox.com/
- Dyson Foundation https://www.jamesdysonfoundation.co.uk/resources.html
- Eco Kids https://www.ecokidsplanet.co.uk/
- Expoloring Nature https://raisinglittleshoots.com/buy-exploring-nature-with-children/
- Kiwi Box https://www.kiwico.com/
- Learn Genetics https://learn.genetics.utah.edu/
- Letterbox Lab https://www.letterboxlab.com/
- Mel Science https://melscience.com/US-en/
- Mosa Mack https://mosamack.com/
- Mystery Science https://mysteryscience.com/
- NASA https://www.nasa.gov/
- Science Museum https://learning-resources.sciencemuseum.org.uk/resourcetype/classroom-resource/
- Science Videos https://sciencevideocourses.com/about/
- Soutwest Science https://www.southwestscienceschool.com/
- Terrific Science https://www.bbc.co.uk/teach/terrific-scientific
- Toys from Trash http://www.arvindguptatoys.com/toys-from-trash.php
- Virtual Microscope
- Whizz Pop Bang https://www.whizzpopbang.com/
- Wlonk https://elements.wlonk.com/

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ICT

Computing helps students develop digital skills, problem-solving abilities and an understanding of technology in an increasingly digital world.

Recommended Resources

- Alice https://www.alice.org/about/
- Conquer Computing https://conquercomputing.com/
- Code Combat https://codecombat.com/
- CodeCombat
- Codecademy https://www.codecademy.com/
- Fluxtime http://www.fluxtime.com/about.php
- Game EdAcademy https://www.gamedacademy.com/
- Little Miss Inventors https://abcya.io/little-miss-inventor-code-garden
- Scratch https://scratch.mit.edu/

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Geography, Geology & Nature

Geography, Geology and Nature help students understand the physical and human processes that shape our world, from local environments to global challenges. Students develop knowledge, investigative skills and environmental awareness while exploring the world around them.

Recommended Resources

- GBIF https://www.gbif.org/
- Daft Logic Height https://www.daftlogic.com/projects-find-elevation-on-map.htm
- Little Passports https://www.littlepassports.com/
- Met Office Climate https://www.metoffice.gov.uk/research/climate/maps-and-data/location-specific-long-term-averages
- Mining Matters https://miningmatters.ca/
- National Geographic https://www.nationalgeographic.com/
- Oddizzi https://www.oddizzi.com/
- RHI School Gardening https://www.rhs.org.uk/education-learning/school-gardening/resources
- RSPB https://www.rspb.org.uk/
- Scale of the Universe https://www.youtube.com/watch?v=uaGEjrADGPA
- Smithsonian Mag https://www.smithsonianmag.com/
- USGS: Water Cycle https://www.usgs.gov/water-science-school/water-cycle#qt-science_center_objects
- Virtual Microscope https://www.virtualmicroscope.org/explore
- Wind Map https://earth.nullschool.net/#current/wind/surface/level/orthographic=91.52,-54.40,281/loc=1.658,10.551
- Windpower Database https://theroundup.org/wind-speed-databases/

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History

History helps students understand the people, events and ideas that have shaped the world we live in today. Through the study of local, Welsh, British and international history, students develop critical thinking, research skills and an appreciation of how the past influences the present.

Recommended Resources

- Active History https://www.activehistory.co.uk/
- Big History Project https://www.bighistoryproject.com/
- History Resources https://www.historyresourcecupboard.co.uk/
- Key Stage History https://www.keystagehistory.co.uk/
- Mysteries in Time https://mysteriesintime.com/
- Nat Geo https://www.natgeokids.com/uk/teacher-category/history/
- School History https://schoolhistory.co.uk/
- Teach It History https://www.teachit.co.uk/history

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Creative Arts & Music

Creative Arts and Music encourage creativity, imagination and self-expression. Students develop practical skills, confidence and an appreciation of the arts through a range of artistic, musical and creative experiences both in and beyond the classroom.

Recommended Resources

- Artventure https://www.artventure.com.au/
- Art Projects https://artprojectsforkids.org/
- Art UK https://artuk.org/
- Drawing Bootcamp https://www.diy.org/courses/drawing-bootcamp
- Draw Cartoons Online https://www.drawingnow.com/how-to-draw-cartoons/
- Student Art Guide https://www.studentartguide.com/resources/free-art-teacher-resources
- Tate Kids https://www.tate.org.uk/kids
- BBC Bitesize Music https://www.bbc.co.uk/bitesize/subjects/z9xhfg8
- Music Score https://musescore.com/
- Prodigies Music https://prodigies.com/

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Languages

Learning a language helps students develop communication skills, cultural awareness and confidence in an increasingly connected world. Through the study of languages, students gain valuable skills that support travel, further education and future careers.

Recommended Resources

- BBC Languages https://www.bbc.co.uk/languages/
- British Sign Language https://www.british-sign.co.uk/enrol
- Duolingo https://www.duolingo.com/
- DinoLingo https://dinolingo.com/
- Forvo https://forvo.com/
- German Pod 101 https://www.germanpod101.com/
- LingQ https://www.lingq.com/en/
- Mango Languages https://www.mangolanguages.com/
- Memrise https://www.memrise.com/
- NHK Japanese https://www3.nhk.or.jp/nhkworld/en/learnjapanese/
- One Third Stories https://www.onethirdstories.com/
- Rocket Languages https://www.rocketlanguages.com/
- uTalk https://utalk.com/en
- Yabla https://www.yabla.com/

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GCSE & Examination Success

GCSE and examination preparation help students develop effective revision techniques, independent study skills and confidence ahead of assessments. The resources below provide valuable support for revision, exam practice and subject-specific learning.

Recommended Resources

- AQA Past Papers https://www.aqa.org.uk/find-past-papers-and-mark-schemes
- BBC Bitesize https://www.bbc.co.uk/bitesize
- Cambridge Past Papers https://igcsecentre.com/cambridge-igcse-past-exam-papers/
- CATs Aviation https://www.catsaviation.com/courses/ppl
- Education https://www.education.com/
- EdExcel Past Papers https://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html
- EDX https://www.edx.org/
- Future Learn https://www.futurelearn.com/
- Google Classroom https://classroom.google.com/
- HWB Resources https://hwb.gov.wales/resources/
- Kids Konnect https://kidskonnect.com/
- Kid World Citizen https://kidworldcitizen.org/
- K5 Learning https://www.k5learning.com/
- Maths and English https://uk.ixl.com/
- National Curriculum https://www.gov.uk/education/school-curriculum
- Oak Digital https://digital.oakabooks.co.uk/
- Open University https://www.open.edu/openlearn/
- Oxford Home Schooling https://www.oxfordhomeschooling.co.uk/
- Oxford Owl https://www.oxfordowl.co.uk/
- Quizzes https://www.educationquizzes.com/
- Schofield & Sims https://www.schofieldandsims.co.uk/
- Study Ladder https://www.studyladder.co.uk/about
- Teaching Packs https://www.teachingpacks.co.uk/
- Teachers Pet https://tpet.co.uk/
- TES https://www.tes.com/teaching-resources
- Top Marks https://www.topmarks.co.uk/
- WJEC Past Papers https://www.wjec.co.uk/home/student-support/revision/past-papers/

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