




INTAD RESOURCES

 www.intad.asn.au		Title WebAddress	Description
OZ TeacherNet "teachers helping teachers"	http://rite.ed.qut.edu.au/oz-teachernet/	The biggest Australian online teacher community. Heaps of resources.	
Aussie School House	http://www.ash.org.au/	The best Aussie Education Community site. Lots of things to see and do.	
Education Network Australia (EdNA)	http://www.edna.edu.au	The best place to go to search for Australian Education resources. Very large range of links, activities and information.	
Journal of Technology Education	http://scholar.lib.vt.edu/ejournals/JTE/	The Journal of Technology Education. Copyright: Council of Technology Teacher Education and the International Technology Education Association. Good articles from around the world.	
Alphabetic Listing of Technology Resources	http://www.sofweb.vic.edu.au/resource/restech.htm	A Victorian Ed Department resource that has a very relaxed view of technology. The technology links here are not just computers.	
Queensland School Curriculum Council (QSCC)	http://www.qsecc.qld.edu.au/home.html	A Queensland statutory authority. The Council's function is to create and provide high quality curriculum and testing materials for use in Queensland schools. Education from Preschool to Year 10.	
BSSSS Qld (Board of Senior Secondary School Studies)	http://www.bsسسq.edu.au/	The Board looks after everything to do with senior schooling in Qld. Queensland Board of Senior Secondary School Studies, PO Box 307 Spring Hill Qld 4004, Telephone: (07) 3864 0299 (international : +61 7), Email: office@qbssss.edu.au	
Industrial Skills SAS - BSSSS	http://www.bsسسq.edu.au/VET/SAS/guides/IndustrialSkills.html	Industrial Skills page at the BSSSS website.	
Education Queensland	http://education.qld.gov.au/	The new 2000 Education Queensland website. Lots of links, resources and information.	
Design and Technology Teachers in Western Australia (DATTA)	http://members.inet.net.au/~datta/	Home page for WA.1 Good links page.	
Technology Teacher's Association of South Australia (TTA)	http://www.brightonss.sa.edu.au/ta	Technology Teacher's Association of South Australia home page.	
Technology Education Association of Victoria (TEAV)	http://mag-ic.edfac.unimelb.edu.au/teav/	Technology Education Association of Victoria's home page. 1 Lots of links and information.	
Design Links (USA)	http://www.core77.com/resource/people.html	"Core 77" Design Resources Links page. Hundreds of USA design links. Lots of resources available here.	
Gympie SHS Industrial Technology & Design Department	http://www.gympieshs.qld.edu.au/home/intad/welcome.htm	Constantly being improved and updated. Industrial Technology & Design/Manual Arts home page at Gympie High School. Gympie area INTAD email link, also.	
Technology Education Federation of Australia (TEFA)	http://www.ash.org.au/teachers/tefa/default.htm	TEFA, a federation of national professional associations of technology educators. Topics/links from the site: The National Technology Statement; Technology Education Resources; Australian Council for Education through Technology.	
Design Briefs (Old Dominion University Technology Department)	http://www.odu.edu/~teca/dbrief.htm	TECA (Technology Education Collegiate Association): the professional association for pre-service technology educators at the Old Dominion University, VA, USA. 1 This site contains a discussion of design briefs.	


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St. Pauls (NSW) Industrial Arts/Technology Department	http://apostle.sppauls.nsw.edu.au/~IndArts/IA_LINKS.html	St. Pauls (NSW): links include: Junior Technology and Design, Technics, Technical Drawing, Engineering Science, Senior Design and Tech, Industrial Tech, Automotive Studies and other Ed Sites. Student CADD examples also. Best viewed with Netscape.
Technology Education New Zealand	http://www.rsnz.govt.nz/education/tenz/index.html	Includes:- Online Resources; Material Resources; Professional Development; Technological Areas; CREST Awards; Technology Facilities; Printed Resources. 1 Includes conference paper titled: The State of Creativity in Tech and Design Ed.
Technology Standards: International Technology Ed Association (ITEA)	http://www.iteawww.org/	"Technology Standards" are now available on the ITEA web-site. Check out the exemplars. Links, information, resources. 1
Research Institute for Industrial Design (VNIITE) [Russian]	http://www.advtech.ru/vniite/vniitec.htm	Set up in 1962 with the aim of establishing and developing industrial design all over the country of Russia. Well worth a look - lots of information. 1
Japanese National Research Institute for Metals	http://www.nrim.go.jp/8080/public/kikaku/english/index.html	National Research Institute for Metals. Database of metals; alloys; welding; corrosion; material Science; links to other metal sites.
Institute of Technology Education Web Site (NSW)	http://hsc.csu.edu.au/pia/ite/default.htm	The Institute is an Association of Industrial Arts and Technology teachers across the state of NSW, Australia. Info & links.
National Assoc of Industrial and Technical Teacher Educators (NAITTE) [USA]	http://www.coe.uga.edu/naitte/	Since 1937 has developed closer cooperation among educators engaged in the preparation of teachers in industrial arts, trade and industrial education, and technical education. Opportunities for professional growth and development. Journal: links; info.
Journal of Industrial Teacher Education	http://scholar.lib.vt.edu/ejournals/JITE/jite.html	Journal of Industrial Teacher Education (USA) Mainly for teacher educators. Vocational orientation.
ZDNet	http://www.zdnet.com/	Information Technology: news; reviews; downloads. Good search to help you find info. Anything computer/IT/telephones - its here. (Also a "Z" listing!)
BHP Australia	http://www.bhp.com.au/	Info on: safety; steel; metal products; student activities & projects. e.g. the steel education page has lots of activities (http://www.bhp.com.au/steel/educate/index.htm)
Metaland Australia	http://www.metaland.com.au/	Very good information on: safety; products; technical; and 'how to'. 1 Good site for student research or when checking a purchase.
Design Council (UK)	http://www.design-council.org.uk/	"Inspiring effective design within business, education and government". Lots of info about design and innovation.
Technology Links: Kent National Grid for Learning (Kent NGfL) [UK]	http://www.kented.org.uk/hg/fl/websites/tech.html	Links to: CADD/CAM; electronics; graphics; design; resources. Lots of (mostly) UK links.
Industrial Technology lesson plans (non-traditional)	http://www.kyrene.k12.az.us/itech/kmsitech/lessons.htm	Kyrene Technology Lesson Plans. Some very different activities for Technology & Design. 1 Engineering/electronics/energy/transportation.

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SafetyLine online: WorkSafe Western Australia	http://www.safetyline.wa.gov.au/	Western Australian Safety Website. Great education info for primary, secondary and tertiary students. Lots of online activities, statistics, search.	
Queensland Safety Sense: Workplace Health and Safety Student Program	http://www.detr.qld.gov.au/hs/safesens/interact/ssgen1.htm	Workplace Health and Safety Student Program. 1 Work through the online information and then complete a "Safety Sense Certificate" by trying 16 self assessment questions.	
NATIONAL OCCUPATIONAL HEALTH & SAFETY Commission (Australia)	http://www.nohsc.gov.au/	Aim: To lead and coordinate national efforts to prevent workplace death, injury and disease in Australia.1 Links to other OHS sites: Australia, International, general. 1	
WH & S - Curriculum: Education Queensland DOEM (Manual)	http://education.qld.gov.au/corporate/doem/health10/health10.htm	The Department of Education Manual. WH & S Activity Modules: metalwork; woodwork; maintaining a safe workshop; welding; fixed machines; portable machines; sports; towing (and others....)1	
Queensland Department of Education Manual (DOEM)	http://education.qld.gov.au/corporate/doem/search.htm	Departmental Policy. Procedures and advice for use by State Schools in Queensland.	
Curriculum Corporation of Australia	http://www.curriculum.edu.au/index.htm	Sections of interest include: Technology - providing news, advice on teaching, learning and assessment and resources on Technology Ed; and VET - resources to assist in implementing VET in schools; Lesson plans for primary and secondary Technology.	
Griffith University (Australia) Bachelor of Technology Education Home Page	http://www.gu.edu.au/school/via/BTEchEd/home.html	All students who enjoy studying Technology related subjects should see this site. Includes: WHY STUDY TECHNOLOGY EDUCATION AT GRIFFITH UNIVERSITY?; FLEXIBLE EMPLOYMENT OPPORTUNITIES; STUDENT DESIGN & TECHNOLOGY PROJECT; COMPUTER AIDED DRAFTING.	
Technology Education Resources (The College of New Jersey, USA)	http://www.trenton.edu/~teched/	Click on "Resources" & "Links". Briefs and Examples: Design Problems; Mechanism Design Problems; Electronic Control Design Problems; Pneumatic/Hydraulic Control Design Problems; Graphic Design Problems; Senior Projects. Includes Quicktime movies and a "practical design process".	
Technology Education Index (UK Online Store)	http://www.technologyindex.com/education/	Lots of ideas for: Robotics; Electronics; Automata; Paper Engineering; Mechanisms; Books; Magazines; Graphics; Models.	
Electronics Teachers' Resource Site (British Columbia, Canada)	http://www.tted.bcit.ca/Electronics/index.htm	Electronics projects, resources and links. Aim of the site: To provide BC with well equipped Electronics Teachers for the 21st Century.	
Electronics - from the very beginning	http://webhome.idirect.com/~jadam/electronics/	Lots of electronics info about: theory; projects; components; software; and links.	
Metals/ Jewelry/ CAD-CAM (M/J/C-C)	http://blue.temple.edu/~crafts/index.html	An online resource that brings together the areas of: Metals/ Jewelry/ and CAD-CAM. Provided by the Craft Department of Tyler School of Art, Copyright Temple University.	


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Australian Academy of Technological Sciences and Engineering (ATSE)	http://www.austehc.unimelb.edu.au/tia/search.html	200 years of technology. "1788 - 1988 Technology in Australia". The first published, comprehensive summary of Australia's technological development. With over 400 illustrations, it provides a unique record. Good keyword search - student research resource.
Welding Technology Institute of Australia (WTIA)	http://www.wtia.com.au/	Welding and joining technology support centres for Australian industry.1 USEFUL LINKS, information. WTIA has approx. 350 member companies and 1,500 personal members.
How Stuff Works	http://www.howstuffworks.com/	As the name says, explains how stuff works. Comprehensive search. Large range of topics.
Journal of Technology Studies	http://scholar.lib.vt.edu/ejournals/JTS/	An on-line version of the Journal of Technology Studies. Full text and graphics for all published articles in .pdf format. Provides an open forum for the exchange of relevant ideas in the field of Technology Studies.1
Design & Technology Times Online (UK)	http://www.technology.org.uk/	"Promotes and supports: the development of high quality work through design and technology, science and business ed in primary and secondary schools; and the provision of relevant and useful info from, and links to, successful and innovative industries". Good resources & links.
Graphic Illusions - "illusionworks.com"	http://www.illusionworks.com/	"An award-winning collection of innumerable interactive demonstrations, school projects, illusion artwork, interactive puzzles, 3D graphics, perception links, and much more". Interesting...
Curriculum Council - Western Australia: Curriculum framework - technology and enterprise	http://www.curriculum.wa.edu.au/pages/framework/framework11e2.htm	Lots of online information. Definition and Rationale; Learning Outcomes; The Scope of the Curriculum; Learning, Teaching & Assessment; Links Across the Curriculum. Also a VET section and senior schooling documents. 1
Doug Wright's Design Website - Australia	http://www.mech.uwa.edu.au/DANotes/design/home.html	Oz site covering Design - basics to advanced. Includes a description of the Design Process with some examples of projects by Mr-Doug Wright of UWA. Engineering students should also see the section titled "Notes Contents" for explanation of nomenclature.
Scotty's Unofficial Center for Tech Education	http://www.igs.net/~mascott/	Scotty's Unofficial Center for Tech Education. Truck loads of resources at this site. Ontario Canada.
CO2 Dragster Website (Mr. C's CO2 Racing Resources)	http://www.cooz.com/co2/	A great student & teacher resource if you want information on CO2 racers. Included: Woodworker's Gazette; PlanSearch and Article Search; Info Exchange; Tool reviews; Woodworker's Maze; Accident Survey; Search; WoodSampler. US Site.
Woodworker's Central: (Woodworker's Website Association)	http://www.woodworking.org/	Includes: Useful Information;Woodturning/Woodcarving; Bookstore; Links to other Sites; CAD; WW Software Online; Plans; News. US site. 1
W5: WoodWorking on the World Wide Web	http://www.kiva.net/~rjbrown/w5/wood.html	


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Material Safety Data Sheets (MSDS)	http://www.ilpi.com/msds/index.html	MSDS Resources: a definitive online resource for Material Safety Data Sheet information. 85+ free sites.	
Hands On Plastics (Plastics resources for education)	http://www.handsonplastics.com/	Plastics information for Teachers, students. The site contains information on student activities, identification information and a very detailed plastics links page. (American Plastics Council)	
Primary Technology & Design: UK Projects	http://www.standards.dfes.gov.uk/schemes/designtech/	UK Government Department for Education and Employment site: Schemes of work: Primary Design and Technology. Entire units of work online.	
Design & Technology Online (UK)	http://www.dtonline.org/	Includes info on: electronics; packaging; environments; food; pneumatics; mechanisms; manufacturing projects. 1	
Nuffield Foundation: Primary Design & Technology Resources (Scotland)	http://www.nuffieldfoundation.org/primarydandt/index.asp	Design & Technology in the UK National Curriculum. "Information about D&T Projects, examples of pupils' work, sample classroom materials to download and other resources for teachers".	
Design & Technology Association (DATA) UK	http://www.data.org.uk/	UK Design & Technology Teacher's Association. Info, links, DAC/CAM, resources listing.	
Technology Education Course Profiles (Syllabi): Ontario Ministry of Education	http://www.curriculum.org/occ/profiles/profiles.htm	Years 9 & 10 profiles (syllabi) for Ontario, Canada. Available in Word or PDF format. Profiles available include: Technological Design; Construction Technology; Manufacturing Technology; Transportation Technology. Copyright restrictions apply.	
New Zealand Technology Learning Area: Curriculum Statement	http://www.kiwi.org.nz/teaching/technology/index.php3	This curriculum statement provides the basis for technology programmes in New Zealand schools from year 1 to year 13. Available in web-page (html) or PDF format.	
ElectroFlash: New Zealand school electronics	http://www.electroflash.org.nz	Great New Zealand electronics site for teachers and students. Supports the teaching of electronics in New Zealand schools. Projects, resources, links.	
Autodesk (AutoCad & AutoSketch)	http://www.autodesk.com.au/	Australian website for AutoDesk. Products; technical assistance; resellers. (US site: www3.autodesk.com/adsk/)	
Electronics Plus (Electronic Hobbyist's US Site)	http://home.maine.rr.com/randy/linscott/	"Monthly projects that are easy to build and allow you to learn the basic principals of electronics; electronics learning area; links. Everything at this web site is FREE!" 1	
Newman Tools Inc. (US)	http://www.newmantools.com	Many projects upper secondary only. Info on 30,000 tools (most with a picture/graphic), tapers, threads, tap drill sizes.	
Kodak Photography (Eastman Kodak Company)	http://alts1.kodak.com/US/en/corp/playground/index.shtml	All technology teachers take photos of student projects, right? Improve your results at this site: "Picture doctor; learn about film and photography products; digital cameras; online software to enhance or manipulate images".	
WoodLink: Victorian Woodworkers' Association	http://home.vicnet.net.au/~woodlink/woodlink.htm	A very good Australian woodworker's resource. Trees of Australia; wood magazines; toxicity of wood; identification - characteristics/uses; related arts; links to other wood sites (everything, inc. software).	


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Aluminium (www.aluminium.org) (European Site)	http://www.aluminium.org/pages/material/material.html	Aluminium - third most abundant element, comprising some 8 percent of the earth's crust, discovered only 160 years ago. Includes: News; industry; about Aluminium; products; Environment & recycling; Innovation; Education.
Materials Database (metals, plastics, ceramics, engineering materials)	http://www.matweb.com/main.htm	"MatWeb, the FREE materials information database with data on 20,330 materials including metals, plastics, ceramics, and composites". Very detailed tables of info on each product with links to suppliers. Easy to use search.
Art Metal Resources (processes, design, finishes)	http://vuarchive.wustl.edu/edu/arts/metal/	Comprehensive collection of online metalworking resources at two sites. Select either "resources to metalworking" or the link to "Artmetal Village" - an online site covering everything.
MTP Plastic: Comparative Materials Charts	http://www.mtpinc-exporter.com/plastic/plastic.htm	Plastics information - very detailed materials charts. Materials charts: Cast Acrylic; ABS; Polycarbonate; Polypropylene; Nylon; other plastics.
MTP Metals: Dictionary of metal terms	http://www.mtpinc-exporter.com/metals/metals.htm	Technical information on a range of metals; DICTIONARY of Metal Terminology.
American Welding Society (US)	http://www.aws.org/	Journal, links, information, online video, safety. The world's largest organization devoted to promoting welding and related processes.
Plastics.org ("your gateway to plastics on the Internet")	http://www.plastics.org/	Any plastics topic you can think of is available through the search tool "answerbuilder" on this site. Email list; info; education section; plastics & space ...1 Using polycarbonate or acrylic in the workshop? Find articles and info here.
Hardware Information - Nuts & Bolts (Coast Nut & Bolt Inc. USA)	http://www.coastnutandbolt.com/	Diagrams and info: Washers; Hex Cap Screws; Bolts; Rivets; Machine Screws; Non-Ferrous; Drywall Screws; Head Styles; Formed Wire; Socket Screw Products; Stainless Steel; Tapping Screws; Standard Nuts; Metrics; Usefull Information. No Oz site available.
Harcourt Dictionary of Science & Technology	http://www.harcourt.com/dictionary/	Great for definitions and research. Search from over 130,000 terms defined in 130 fields of science. Try any term in common use in our subject area...
Tool Dictionary & "How to" Guides	http://www.homestore.com/Remodel/Maintain/default.asp	One of the Homestore.com websites. Brilliant site for information & graphics. A 'must see' if you are after info on tools, repairs, redesign. Learn about all kinds of tools, their proper use, safe handling, and operational tips. 1
Dictionary of Symbols (Symbols.com)	http://www.symbols.com/	World's largest online encyclopedia of graphic symbols! Over 2,500 Western signs in 54 groups - by graphic characteristics. Search the Graphic Index for the meaning or history of a sign. Search the Word Index to see an ideogram with a certain meaning.
National Curriculum: England (with links to Wales, Scotland & Nth Ireland)	http://www.nc.uk.net/	2000 revision of Design & Technology curriculum in the UK. All of the National Curriculum books in Acrobat pdf files. An edition optimised for photocopying or personal printout. Files suitable for word processor also - go to the download and print area. 1

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Vocational Education and Training Information (DETIR, Queensland)	http://www.detr.qld.gov.au/vetinfo/home.html	Official Queensland Site. Vocational Education and Training Information: QUEENSLAND DEPARTMENT OF EMPLOYMENT, TRAINING AND INDUSTRIAL RELATIONS. 1 Continually updated. 1
Building and Construction Careers	http://www.construction-training.net.au/links.htm	Developed by the Queensland Construction Industry Training Council's Bundaberg and District Branch - aimed at promoting construction careers amongst school leavers and others. 1 Good links page, careers information & training information. 1
Australian Qualifications Framework (AQF)	http://www.aqf.edu.au/	Australian Qualifications Framework (AQF) - the national system of qualifications: inclusive of school qual's, vocational/industry based qual's and university qual's. A resource for students, parents, and teachers involved in VET, and careers advisers.
The Engineering Zones	http://www.engineeringzones.com/	Engineering technologies, manufacturing techniques and software tools. Over 120 pages of content and thousands of links. A multi dimensional site: CAD/CAM/CAE, engineering information and resources - such as materials and reference tables.
Technology Education Related Sites (US) "Hot List"	http://www.camswednet.edu/chs/netlinks/tech/index.html	Washington State Technology Education Association (WTEA) Very detailed list of Technology Ed links.
WoodNet: The Woodworker's Online Resource	http://www.woodnet.net/	Tool reviews, links to other woodworking sites, 101 Woodworking Tips & Techniques - divided into General Shop Tips, Table Saw, Finishing, Router/Router Table, Gluing, Drill Press/Drilling, Sanding, Planning/Joining, Assembly, Layout, and Clamping.
Technology in Australia 1788 - 1988	http://www.austehc.unimelb.edu.au/tia/cover.html	A multimedia searchable online resource providing information about Australian technological innovation and adaptation during our first two hundred years.
LD Online: Learning Disabilities	http://www.ldonline.org/	The interactive guide for learning disabilities for parents, teachers, and children.
One Point Perspective - online tutorial	http://www.olejarz.com/arted/perspective/	Step-by-step instructions for basic one-point perspective are presented on this site. Includes key concepts in one-point perspective, and online tutorial for 11 different objects.
Right-Tool.com (The Internet source for the right tool)	http://store.yahoo.com/right-tool/index.html	US site selling tools. Info on almost any tool, welding, finishing, & protective gear that you want information on. Good search & graphics. Some info on each tool.
Top Ten Injection Moulding Problems (Du Pont Website)	http://www.dupont.com/enggpolymerseurope/techlit/topten/	The ten problems listed below occur often when moulding semi-crystalline engineering polymers such as POM, PA, PBT and PET. In this [very good] series of articles the authors describe simple ways to identify and avoid them.

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Luis' Woodworking Page: the definitive links guide	http://members.tripod.com/~Luis_E/wood.html	Woodworking links. Here you'll find hundreds of links to woodworking sites on the internet. If its not here it may not exist! All topics included (abrasives, adhesives, tools, turning etc. etc). 1
WoodWeb.com	http://www.woodweb.com/	"Woodworking industry information". Woodworking links, forum, software, woodworking machinery, fasteners, cabinetmaking supplies, wood finishing materials, tooling, woodworking plans, power tools, components and more.
Bridge building and testing game (USA)	http://www.bechtel.com/buildingMinds/spanGame.html	An interesting bridge building and testing game online! 1 Bechtel's Span-It will test your skills, logic, and budgeting savvy!
Bridge and structure design testing software. (Free!) (USA)	http://www.dean.usma.edu/cme/civelssoft.htm	Bridge and structure design and testing software from the U.S.Military Academy.1 This software is free and can be installed on all versions of Microsoft Windows 3.x/95/98/2000
International bridge building competition (USA)	http://www.iit.edu/~hsbridge/	Illinois Institute of Technology, international bridge building competition. Contains information on setting up your own school competition, rules and guidelines as well as information on establishing new regions. Also contains links to relevant online testing and free software downloads from the U.S. Military Academy.
Vehicle Design Competition (USA)	http://www.iit.edu/~iit100	The Illinois Institute of Technology design competition. Build and test your model for speed and pulling power.
Sheet layout (Shareware)	http://www.sheetlayout.com	A great evaluation version that students in Technology Studies, 'SAS' Construction & Furnishings can use for their projects. The program allows students to enter their sheet material sizes and then it will work out the optimum cutting sequence with a minimum of waste. Very easy to learn and looks great in their design brief.
Wizflow (Arizona, USA)	http://www.pacesstar.com/wizflow/	A great Diagrams & Charts tool on a 30 day free trial. Years 8 - 12 Graphics students will quickly and easily develop very professional Diagrams & Charts while using this program. It introduces a huge variety of shapes and symbols that are not normally used in this area. It certainly extends the boundaries for students into an area that traditionally has many limitations.
Water Rockets	http://www.osa.com.au/~cjh/rockets/	This is an Aussie web site that allows people to view photos and documentation on how to build water rockets. It also has links to other water rocket sites in Australia and overseas. This is another great area of design and systems that can be adopted into ITD. The Gap SHS has just introduced water rockets and is having great success not to mention all the fun the students are having.
Graph Com Central	http://teched.vt.edu/GCC	Possibly the best Web-based resource available for teachers and students of graphical communications
Links to Technology Websites (TenLinks: US Site)	http://www.TenLinks.com	A good website that provides links to various technology websites.