

Construction and Carpentry 10, 20, 30: Recommended Resources for the Renewed Curricula



*A list of professional materials available for borrowing
from the Stewart Resources Centre – May 2013*



The STF Stewart Resources Centre – CHECK US OUT!

In order to serve you better, we have compiled the following list of resources that directly address some of your professional needs. We hope you find this publication helpful, and we would be pleased to hear from you if you would like us to continue producing more specialized resource lists, or if you have suggestions on how we can improve our service to you. We want to serve you better!

We make it easy for you to use the Stewart Resources Centre:

- For rural schools, we mail our resources directly to you and provide a postage-paid mailing label for you to use to mail the resources back to us. (Audio-visual resources are excluded from the Canada Post library mailing rate, so you will need to pay postage to return these items.)
- For schools in Saskatoon, your resources arrive at your school through the weekly inter-school mail delivery. Materials may also be returned to us using this courier system.
- You don't need to know the exact titles for resources you need. Provide a topic and an approximate grade level at which you would like to use the materials, and we will do the rest!
- We are accessible 24 hours a day through the STF website: www.stf.sk.ca You may search our catalog online or e-mail us your resource requests at: src@stf.sk.ca
- Call us! STF members may call the Stewart Resources Centre toll-free at 1-800-667-7762, ext. 6323, or we can be reached at 373-1660, ext. 6323 for local calls.
- Visit us in person! We are open 8:30 a.m. to 5:00 p.m. from Monday to Friday.



CONSTRUCTION AND CARPENTRY 10



Indicates item is a Ministry of Education's Core Learning Resource.

728 K46

Architecture : residential drafting and design : student textbook (10th ed.) / Kicklighter, Clois E. Kicklighter, Joan C.

Tinley Park, IL: Goodheart-Wilcox, 2008.

Subjects: Architecture, Domestic – Designs and plans. Architectural design.

Summary: This resource offers the necessary information for planning different types of dwellings.

The author provides traditional as well as computer-based methods which are used to prepare architectural working drawings. The coloured photographs, diagrams, charts, and floor plans enhance the text. New content on access for people with disabilities, CADD applications, and new products and methods of construction are included.

720.47 O97

Building green places : careers in planning, designing, and building / Owen, Ruth.

St. Catharines, ON: Crabtree, 2010.

Subjects: Sustainable design – Vocational guidance – Juvenile literature.

Summary: This book covers the ways that planning, designing, and building energy-efficient facilities to live, work, and play can complement the Earth's ecosystems. Included are careers such as a roofer and a framer.



690.03 T642

Building trades dictionary (4th ed.) / Toenjes, Leonard P.

Homewood, IL: American Technical Publishers, 2007.

Subjects: Building – Dictionaries.

Summary: This book contains brief and concise definitions of terms related to the construction industry in a dictionary format. Many of the terms are illustrated with photographs and line drawings. The emphasis of the book is placed on construction tools, materials, and processes used in the industry. There is a separate section on contractors' terms

690.80971 C212

Canadian Home Builders' Association builders' manual

Ottawa, ON: Canadian Home Builders' Association, 2008.

Subjects: House construction – Canada – Handbooks, manuals, etc. Building – Canada – Handbooks, manuals, etc.

Summary: Using a concise and well-illustrated layout, this resource outlines the fundamental principles of building energy- and resource-efficient homes. All aspects of efficient home building are discussed, beginning with the fundamental design considerations and proceeding to the foundations, air barrier systems, walls, heating systems, and mechanical and electrical systems. New chapters have been added on renewable energy and home automation. There are updates to several other chapters that incorporate the latest materials, best practices, and code requirements.

- Annotations have been excerpted from book descriptions provided by the publishers and from bibliographies distributed by the Saskatchewan Ministry of Education.



694 K77 OVERSIZE

Carpentry (5th ed.) (student textbook with *Canadian Resource Supplement*) / Koel, Leonard. Balodis, Andris.

Homewood, IL: American Technical Publishers, 2009.

Subjects: Building. Carpentry.

Summary: This comprehensive resource includes photographs, diagrams, and charts. There are sixteen units covering 70 chapters, and an introduction with a brief summary designed to help develop and upgrade the skills and competencies required in the trade. An accompanying CD includes chapter reviews, an illustrated glossary, mathematical problems, lists of American and Canadian resources, and media clips to illustrate a variety of tools and techniques. The *Canadian Resource Supplement* is a support manual that highlights the Canadian construction industry and carpentry trade. There are references to pages in the textbook where specific Canadian content may be inserted.

721 A425

How buildings work : the natural order of architecture (3rd ed.) / Allen, Edward.

New York, NY: Oxford University Press, 2005.

Subjects: Buildings – Environmental engineering.

Summary: Black line drawings illustrate the informative text that provides general descriptions of what buildings do and how buildings work. The prologue addresses the issue of sustainable or green housing, and introduces the Leadership in Energy and Environmental Design (LEED) Certification process. The book integrates design, construction, and how it relates to the people who use it.

728 B167

Prescriptions for a healthy house : a practical guide for architects, builders & homeowners (3rd rev. ed.) / Baker-Laporte, Paula.

Gabriola Island, BC: New Society Publishers, 2008.

Subjects: Architecture, Domestic – Health aspects. Green products. Building materials – Environmental aspects. Housing construction. Housing and health.

Summary: This resource identifies the sources of indoor pollution and describes the construction strategies required for creating a healthy home. Detailed information is provided on site selection, the use of concrete, moisture control, openings, finishes, and mechanical and electrical elements that could affect the health of a home.

CONSTRUCTION AND CARPENTRY 20



Indicates item is a Ministry of Education's Core Learning Resource.

728 K46

Architecture : residential drafting and design : student textbook (10th ed.) / Kicklighter, Clois E. Kicklighter, Joan C.

Tinley Park, IL: Goodheart-Wilcox, 2008.

Subjects: Architecture, Domestic – Designs and plans. Architectural design.

Summary: This resource offers the necessary information for planning different types of dwellings. The author provides traditional as well as computer-based methods which are used to prepare architectural working drawings. The coloured photographs, diagrams, charts, and floor plans enhance the text. New content on access for people with disabilities, CADD applications, and new products and methods of construction are included.



690.03 T642

Building trades dictionary (4th ed.) / Toenjes, Leonard P.

Homewood, IL: American Technical Publishers, 2007.

Subjects: Building – Dictionaries.

Summary: This book contains brief and concise definitions of terms related to the construction industry in a dictionary format. Many of the terms are illustrated with photographs and line drawings. The emphasis of the book is placed on construction tools, materials, and processes used in the industry. There is a separate section on contractors' terms

690.80971 C212

Canadian Home Builders' Association builders' manual

Ottawa, ON: Canadian Home Builders' Association, 2008.

Subjects: House construction – Canada – Handbooks, manuals, etc. Building – Canada – Handbooks, manuals, etc.

Summary: Using a concise and well-illustrated layout, this resource outlines the fundamental principles of building energy- and resource-efficient homes. All aspects of efficient home building are discussed, beginning with the fundamental design considerations and proceeding to the foundations, air barrier systems, walls, heating systems, and mechanical and electrical systems. New chapters have been added on renewable energy and home automation. There are updates to several other chapters that incorporate the latest materials, best practices, and code requirements.



694 K77 OVERSIZE

Carpentry (5th ed.) (student textbook with *Canadian Resource Supplement*) / Koel, Leonard.

Balodis, Andris.

Homewood, IL: American Technical Publishers, 2009.

Subjects: Building. Carpentry.

Summary: This comprehensive resource includes photographs, diagrams, and charts. There are sixteen units covering 70 chapters, and an introduction with a brief summary designed to help develop and upgrade the skills and competencies required in the trade. An accompanying CD includes chapter reviews, an illustrated glossary, mathematical problems, lists of American and Canadian resources, and media clips to illustrate a variety of tools and techniques. The *Canadian Resource Supplement* is a support manual that highlights the Canadian construction industry and carpentry trade. There are references to pages in the textbook where specific Canadian content may be inserted.

721 A425

How buildings work : the natural order of architecture (3rd ed.) / Allen, Edward.

New York, NY: Oxford University Press, 2005.

Subjects: Buildings – Environmental engineering.

Summary: Black line drawings illustrate the informative text that provides general descriptions of what buildings do and how buildings work. The prologue addresses the issue of sustainable or green housing, and introduces the Leadership in Energy and Environmental Design (LEED) Certification process. The book integrates design, construction, and how it relates to the people who use it.

728 B167

Prescriptions for a healthy house : a practical guide for architects, builders & homeowners (3rd rev. ed.) / Baker-Laporte, Paula.

Gabriola Island, BC: New Society Publishers, 2008.

Subjects: Architecture, Domestic – Health aspects. Green products. Building materials – Environmental aspects. Housing construction. Housing and health.

Summary: This resource identifies the sources of indoor pollution and describes the construction strategies required for creating a healthy home. Detailed information is provided on site selection, the use of concrete, moisture control, openings, finishes, and mechanical and electrical elements that could affect the health of a home.

CONSTRUCTION AND CARPENTRY 30



Indicates item is a Ministry of Education's Core Learning Resource.

728 K46

Architecture : residential drafting and design : student textbook (10th ed.) / Kicklighter, Clois E. Kicklighter, Joan C.

Tinley Park, IL: Goodheart-Wilcox, 2008.

Subjects: Architecture, Domestic – Designs and plans. Architectural design.

Summary: This resource offers the necessary information for planning different types of dwellings. The author provides traditional as well as computer-based methods which are used to prepare architectural working drawings. The coloured photographs, diagrams, charts, and floor plans enhance the text. New content on access for people with disabilities, CADD applications, and new products and methods of construction are included.



690.03 T642

Building trades dictionary (4th ed.) / Toenjes, Leonard P.

Homewood, IL: American Technical Publishers, 2007.

Subjects: Building – Dictionaries.

Summary: This book contains brief and concise definitions of terms related to the construction industry in a dictionary format. Many of the terms are illustrated with photographs and line drawings. The emphasis of the book is placed on construction tools, materials, and processes used in the industry. There is a separate section on contractors' terms

690.80971 C212

Canadian Home Builders' Association builders' manual

Ottawa, ON: Canadian Home Builders' Association, 2008.

Subjects: House construction – Canada – Handbooks, manuals, etc. Building – Canada – Handbooks, manuals, etc.

Summary: Using a concise and well-illustrated layout, this resource outlines the fundamental principles of building energy- and resource-efficient homes. All aspects of efficient home building are discussed, beginning with the fundamental design considerations and proceeding to the foundations, air barrier systems, walls, heating systems, and mechanical and electrical systems. New chapters have been added on renewable energy and home automation. There are updates to several other chapters that incorporate the latest materials, best practices, and code requirements.



694 K77 OVERSIZE

Carpentry (5th ed.) (student textbook with *Canadian Resource Supplement*) / Koel, Leonard.

Balodis, Andris.

Homewood, IL: American Technical Publishers, 2009.

Subjects: Building. Carpentry.

Summary: This comprehensive resource includes photographs, diagrams, and charts. There are sixteen units covering 70 chapters, and an introduction with a brief summary designed to help develop and upgrade the skills and competencies required in the trade. An accompanying CD includes chapter reviews, an illustrated glossary, mathematical problems, lists of American and Canadian resources, and media clips to illustrate a variety of tools and techniques. The *Canadian Resource Supplement* is a support manual that highlights the Canadian construction industry and carpentry trade. There are references to pages in the textbook where specific Canadian content may be inserted.

721 A425

How buildings work : the natural order of architecture (3rd ed.) / Allen, Edward.

New York, NY: Oxford University Press, 2005.

Subjects: Buildings – Environmental engineering.

Summary: Black line drawings illustrate the informative text that provides general descriptions of what buildings do and how buildings work. The prologue addresses the issue of sustainable or green housing, and introduces the Leadership in Energy and Environmental Design (LEED) Certification process. The book integrates design, construction, and how it relates to the people who use it.

728 B167

Prescriptions for a healthy house : a practical guide for architects, builders & homeowners (3rd rev. ed.) / Baker-Laporte, Paula.

Gabriola Island, BC: New Society Publishers, 2008.

Subjects: Architecture, Domestic – Health aspects. Green products. Building materials – Environmental aspects. Housing construction. Housing and health.

Summary: This resource identifies the sources of indoor pollution and describes the construction strategies required for creating a healthy home. Detailed information is provided on site selection, the use of concrete, moisture control, openings, finishes, and mechanical and electrical elements that could affect the health of a home.



Saskatchewan Teachers' Federation
2317 Arlington Avenue
Saskatoon SK S7J 2H8
Telephone: 306-373-1660 or 1-800-667-7762
Facsimile: 306-374-1122
Email: src@stf.sk.ca Website: www.stf.sk.ca