

**TAKING AWAY THE
HOMEWORK HELP CHALLENGE
WITH ORC CURRICULUM MAPS**

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Q: WHAT IS THE ORC?

- A \$1.4 million collection of curricular aligned authoritative digital resources licensed on behalf of all Alberta:
 - K-12 students and their parents
 - School Staff
 - Pre-Service teachers
 - Public Library Staff *
- Funded by a yearly Grant-In-Aid from Alberta Education to The Alberta Library (TAL)

*for the purposes of supporting K-12 patrons

Q: WHY THESE RESOURCES?

- Provides authoritative, age appropriate, curricular aligned content
 - Google and Wikipedia are the tip of the searching and information literacy iceberg
- Allow students to become familiar and comfortable with the kind of resources and searching practices that are integral to 21st century learning
- Are time savers once users become familiar with them
- Include embedded supports for diverse learners like listen, text translation, citation tools, vetted websites, copyright friendly pictures and videos

Q: WHAT'S IN IT FOR LIBRARY STAFF?

- Direct curricular correlations and the ability to search curricular outcomes
- Curriculum mapping for:
 - Elementary Science and Social Studies (Published in 2016/2017)
 - Secondary Science and Social Studies (Will be completed in 2017/2018)
- Support for diverse patrons
- Access to journals like *Walrus*, *National Geographic*, *School Library Journal*, *Men's Health*, and *Maclean's* (RSS feeds can be set up)
- Consistent and explicit update schedules
- Access to vetted content including website to supplement print collections
- Ability to create permalinks that can be posted on a website/moodle/blog or sent in an email blast

Q: HOW DO I ACCESS THE ORC?

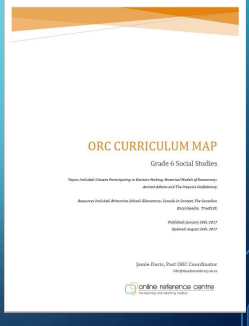
- Go the LearnAlberta.ca
- Select English or French
- Click "Online Reference Centre" in the tab along the top of the screen
- In school automatic authentication should occur
- Outside of school access requires a district username and password
 - LA _____ (username) _____ (password)
- Share your district username and password using low tech methods - do not post on an open website
- Email ORC@thealbertalibrary.ab.ca for your remote username/password



QUESTIONS?

HOW TO USE AN ORC CURRICULUM MAP

- Map ORC resources to the Alberta Social Studies and Science curricula
- Once the Science and Social Studies curricula is mapped, English and Language Arts curriculum will be mapped
- Each subject is colour-coded
- Each map identifies the grade, subject, topics included, and resources included
- Each map identifies when it was originally published and when it was last updated
- Each map identifies the author of that particular map
- Takes between 75-100 hours to create each map



Background and Access Information

Learn Alberta's Online Reference Centre is a \$1.4 million collection of authoritative curricular aligned resources that are licensed on behalf of all students, staff, parents and public librarians learning/teaching/supporting the Alberta curriculum.

To Access the Online Reference Centre:

1. Go to learn.alberta.ca
2. Select English or French
3. Click on "Online Reference Centre" in the tab along the top of the screen
4. In school walls on a school device, users do not need to enter a username or password. Users are able to enter any database or website instantly.
5. Access from a personal device in school or remotely from outside of the school will require the user to enter a username/password once to unlock all of the resources.
 - a. School District Username: LA___ Password: _____ (not case sensitive)
6. Please share your district's ORC username/password with your students, parents of your students and fellow staff members. Please do not share the username and password information on an open website (a website that does not require the user to login).

How to Use This Guide

Attached please find a listing of databases found on Learn Alberta's Online Reference Centre (ORC) that directly support specific learner outcomes in the grade six social studies curriculum.

Formatting Overview:
Curricular Topic:
 Specific Learner Outcome (SLO)
 Name of the Database
 Topic
 Subtopic
 Article Title
 + Article Sections

If you have any questions regarding this guide or if you would like a guide for additional grades please contact Bethany Arseneault, ORC Coordinator at barseneault@albertalearning.ca

Grade 6 Social Studies

Democracy: Action and Participation

6.1 Citizens Participating in Decision Making

General Outcomes: Students will demonstrate an understanding and appreciation of the dynamic between government and citizens as they engage in the democratic process.

6.1.1 recognize how individuals and governments interact and bring about change within their local and national communities.

- recognize and respect the democratic rights of all citizens in Canada
- value the role of the Canadian Charter of Rights and Freedoms in protecting individual and collective rights and freedoms
- recognize the influence of historical events and legislation on democratic decision making in Canada
- value citizen participation in a democratic society
- value the contributions of elected representatives in the democratic process

Resources for Students Reading Below Grade Level

Britannica School: Elementary

- Articles
 - Social Studies
 - Government
 - Constitution
 - Trudeau, Pierre Elliott

online reference centre

Resources for Students Reading AT or Above Grade Level

Canada in Context

- Government (View All)
 - Canada/Constitution Act and Canadian Charter of Rights and Freedoms (1982) (Topic Page)
 - Canada's Constitution Act: Canadian Charter of Rights and Freedoms (Gale Canada in Context, 2014) (Topic Overview Article)
 - Reference
 - Canadian History: 1982-1992 (Gale Canada in Context, 2012)
 - Canada's Constitution Acts: Charter of Rights and Freedoms (Gale Canada in Context, 2014)
 - The History of Canada, Part III (1900-Present) (Gale Canada in Context, 2007)
 - Canada's Parliament (Gale Canada in Context, 2007)
 - The Government of Canada (Gale Canada in Context, 2016)
 - Government of Canada (Topic Page)
 - The Government of Canada (Gale Canada in Context, 2016) (Topic Overview Article)
 - Reference
 - Overview: Canadian Government of Departments and Agencies (Gale Canada in Context, 2007)
 - The Prime Minister of Canada (Gale Canada in Context, 2007)
 - Legislative Branch of the Canadian Government (Gale Canada in Context, 2011)
 - Judicial Branch of the Canadian Government (Gale Canada in Context, 2011)
 - Gender Equality in Canada (Gale Canada in Context, 2009)
 - Canada's "First Nations": Indians, Inuit, and Metis (Gale Canada in Context, 2016)

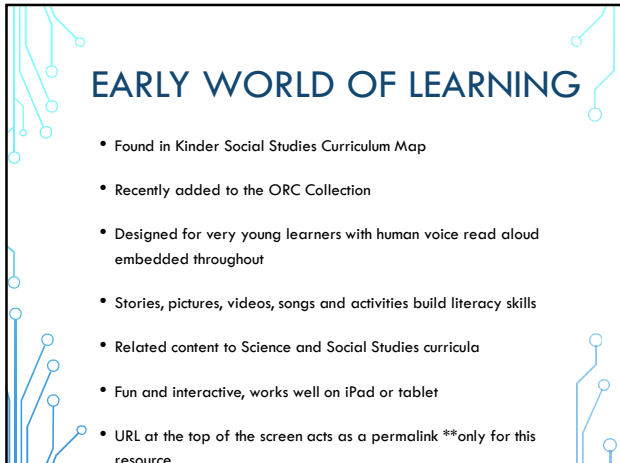


QUESTIONS?



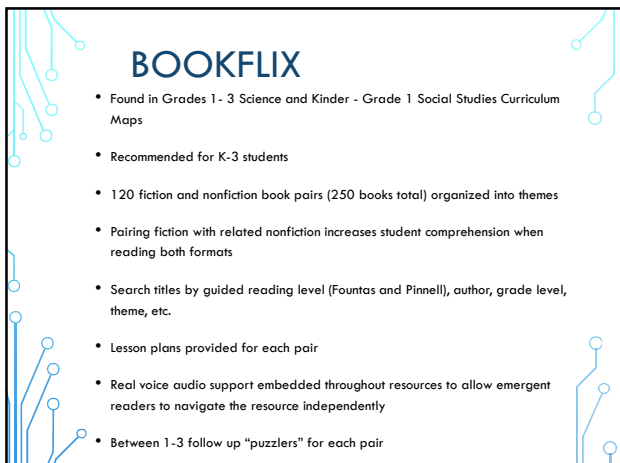
LITERACY DEVELOPMENT AND ENGLISH LANGUAGE ARTS

- Early World of Learning
- BookFLIX
- TrueFLIX
- TeachingBooks.net
- Literature Resource Center
- Academic OneFile



EARLY WORLD OF LEARNING

- Found in Kinder Social Studies Curriculum Map
- Recently added to the ORC Collection
- Designed for very young learners with human voice read aloud embedded throughout
- Stories, pictures, videos, songs and activities build literacy skills
- Related content to Science and Social Studies curricula
- Fun and interactive, works well on iPad or tablet
- URL at the top of the screen acts as a permalink ****only for this resource**



BOOKFLIX

- Found in Grades 1 - 3 Science and Kinder - Grade 1 Social Studies Curriculum Maps
- Recommended for K-3 students
- 120 fiction and nonfiction book pairs (250 books total) organized into themes
- Pairing fiction with related nonfiction increases student comprehension when reading both formats
- Search titles by guided reading level (Fountas and Pinnell), author, grade level, theme, etc.
- Lesson plans provided for each pair
- Real voice audio support embedded throughout resources to allow emergent readers to navigate the resource independently
- Between 1-3 follow up "puzzlers" for each pair

TRUEFLIX

- Found in Grades 2 – 6 Science and Grades 3 & 7 Social Studies Curriculum Maps
- Sister resource to BookFLIX designed for grades 3-6
- Nonfiction content divided into 2 broad themes with 3-5 sub themes
- Each eBook includes an introductory video to help build background knowledge of topic and improve student comprehension
- Lesson plans provided for every eBook, all eBooks are guided reading level (Fountas and Pinnell) aligned
- Human voice read along feature to support emergent/struggling readers
- Interactive table of contents for each eBook, in addition to a glossary and index
- Essential inquiry questions and project ideas from every eBook


TEACHINGBOOKS.NET

- Not currently found in Curriculum Maps for Science and Social Studies, but will be used in the English & Language Arts Curriculum Maps
- A wealth of support materials to teach and promote books in your school (book trailers, author interviews and read ins, author audio name pronunciation, QR flyers, embedded citations, book guides and lesson plans)
- Share/permalink any page using the Email/Text/QR Flyer/Bookmark or Permalink features
- Access Alberta specific booklists:
 - Pacific Northwest Library Association Young Readers Choice Award (YRCA)
 - ELA Authorized Novel and Nonfiction Reading List for grades 4-12
 - Meet-the-Author book readings in English and French
 - Canadian Book Award Winners/Canadian Book and Author Resources
- Create and/or request a personalized booklist

LITERATURE RESOURCE CENTER New

- Not currently found in Curriculum Maps for Science and Social Studies, but will be used in the English & Language Arts Curriculum Maps
- Gale resource that supports the grades 7-12 English and Language Arts curriculum
- Read aloud feature in the top left-hand corner of every article
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Advanced search allows for Boolean
- Save to [Google Classroom](#), [Google](#), or Microsoft

ACADEMIC ONEFILE



- Found in Grades 10-12 Science and Social Studies Curriculum Maps
- Multidisciplinary Gale resource that supports students enrolled in an IB, AP or -30 program
- Customizable read-aloud feature, articles available to download to MP3
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Homepage lists "Top Searches" at the bottom (right-hand side) that you can click on and see articles related to that search term
- Homepage also has "Topic Finder" to help users discover the context of their search term and find connections to other terms

SUPPLEMENTING NONFICTION SCIENCE & HEALTH CONTENT

- Amazing Animals of the World
- PebbleGO Animals
- PebbleGO Science
- PowerKnowledge Suite
- National Geographic Kids Virtual Library
- Science In Context
- ScienceFLIX
- Teen Health and Wellness

AMAZING ANIMALS OF THE WORLD

- Found in Grades 1-3 Science Curriculum Maps
- Click-friendly navigation to support young learners
- Lists animals classes, orders and species
- Read aloud available
- Provides quick access to the "animal stats" at the top of the brief article
- Links to information about animal habitat and order
- Vetted weblinks that open within the database

This resource is included in the Curriculum Mapping available on the [QRC Support Site](#)

PEBBLEGO ANIMALS

- Found in Grades 1 & 3 Science Curriculum Maps
- Recommended for students in K-3
- Easy navigation, levelled text, visual searching all designed for beginning researchers
- Human voice read aloud with text highlighting, photos, videos, audio clips to enhance learning and engage learners
- Articles segmented into brief sections with tab navigation at the top of the screen
- One or two videos that align with the article to help activate/develop background knowledge of the topic

PEBBLEGO SCIENCE

- Found in Grades 3-6 Science Curriculum Maps
- Recommended for students in K-3
- Easy navigation, levelled text, visual searching all designed for beginning researchers
- Human voice read aloud with text highlighting, photos, videos, audio clips to enhance learning and engage learners
- Articles segmented into brief sections with tab navigation at the top of the screen
- One or two videos that align with the article to help activate/develop background knowledge of the topic

POWERKNOWLEDGE SUITE

- Recommended for grades 1-6
- Content divided into 3 databases: Earth & Space, Life Science, and Physical Science
- Includes a customizable read-aloud feature
- Short, segmented articles with introductory videos to build background knowledge
- Embedded science experiments, projects, and educational games related to the content of the database
- Aligns with 95% of the grade 3-6 science curriculum and 87% of the grade 1-6 science curriculum

**POWERKNOWLEDGE:
EARTH AND SPACE SCIENCE**

Science Units Supported:

- Grade 1 Seasonal Changes
- Grade 2 Exploring Liquids
- Grade 3 Rocks and Minerals
- Grade 4 Light and Shadows & Waste and Our World
- Grade 5 Weather Watch, Wetland Ecosystems & Social Studies Mapping
- Grade 6 Sky Science

**POWERKNOWLEDGE: LIFE
SCIENCE**

Science Units Supported:

- Grade 1 Needs of Animals and Plants
- Grade 2 Small Crawling and Flying Animals
- Grade 3 Animal Life Cycles & Hearing and Sound
- Grade 4 Plant Growth and Changes & Waste and Our World
- Grade 5 Wetland Ecosystems
- Grade 6 Trees and Forests


**POWERKNOWLEDGE:
PHYSICAL SCIENCE**

Science Units Supported:

- Grade 1 Needs of Animals and Plants
- Grade 2 Hot and Cold Temperature & Magnetism
- Grade 4 Wheels and Levers
- Grade 5 Electricity and Magnetism & Classroom Chemistry
- Grade 6 Trees and Forests

NATIONAL GEOGRAPHIC KIDS VIRTUAL LIBRARY

- Found in Grade 3 Science Curriculum Map and Kinder, Grade 1, and Grade 4 Social Studies Curriculum Maps
- Authoritative nonfiction content
- Award-winning maps and photos
- 200 National Geographic Kids Books
- 500 Kid-friendly downloadable images
- National Geographic Kids Magazines (2009-Present, 3 month embargo)
 - Includes listen feature



SCIENCE IN CONTEXT

- Found in Grades 5 – 12 Science Curriculum Maps and Grade 4 Social Studies Curriculum Map
- Featured videos, news, and stories on homepage
- Customizable read-aloud feature, articles available to download to MP3
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Advanced search allows for Boolean, and content selection (Advanced/Intermediate/Basic)
- Search specific learner outcomes in "Curriculum Standards" for the Alberta Science curriculum - embedded links to the article included

SCIENCEFLIX

- Found in Grades 3 – 9 Science Curriculum Maps
- Sister resource to TrueFLIX
- Nonfiction content divided into topic areas: Earth Science, Life Science, Physical Science, Space science, Health and Human Body, Math, and Engineering
- Introductory videos help build background knowledge of a topic and improve comprehension
- Every article has three adjustable reading levels to support differentiated learners
- Embedded read aloud feature to support emergent/struggling readers
- Hands-on experiments and project ideas
- More than 12 000 editorially vetted and maintained websites on related subjects
- Science News with study guides

TEEN HEALTH AND WELLNESS

- Currently not found in any of the Science or Social Studies Curriculum Maps, but does support Grades 7-12 Health Curriculum
- Straightforward discussion of all teen health and wellness topics with links to the Alberta science, foods, health and CALM curricula
- Customizable listen feature and text translation
- Sectioned articles with links to related articles for shallow searchers
- Embedded citations (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Many interactive features that allow students to interact and contribute:
 - Student polls on current topics
 - Share personal stories and read stories from other teens
 - Create and submit videos on various health and wellness topics
 - Submit questions to Dr. Jan and receive answers back
 - Alberta/Canada specific hotlines

SUPPLEMENTING NONFICTION HUMANITIES CONTENT

- Canada In Context
- Global Issues In Context
- World History In Context
- Culturegrams
- The Canadian Encyclopedia

CANADA IN CONTEXT

- Found in the Grades 10 – 12 Science Curriculum Maps and Grades 4 – 12 Social Studies Curriculum Maps
- Canadian content not only for Social Studies but also Science (I.e. Alberta Oil Sands)
- Featured videos, news, and stories on homepage
- Customizable read-aloud feature, articles available to download to MP3
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Advanced search allows for Boolean, and content selection (Advanced/Intermediate/Basic)
- Search specific learner outcomes in "Curriculum Standards" for the Alberta Social Studies, ELA and Science curricula - embedded links to the article included

GLOBAL ISSUES IN CONTEXT

- Found in Grades 10 – 12 Science and Social Studies Curriculum Maps
- Excellent support for the Grade 10-12 Social Studies Curriculum
- Featured videos, news, and stories on homepage
- Customizable read-aloud feature, articles available to download to MP3
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Advanced search allows for Boolean, and content selection (Advanced/Intermediate/Basic)
- Search specific learner outcomes in "Curriculum Standards" for the Alberta Social Studies and Science curricula - embedded links to the article included

WORLD HISTORY IN CONTEXT

- Found in Grades 10 – 12 Science Curriculum Maps and Grades 7 - 12 Social Studies Curriculum Maps
- Excellent support for the grade 8 social studies curriculum
- Featured videos, news, and stories on homepage
- Customizable read-aloud feature, articles available to download to MP3
- Text Translation to 13 languages
- Highlight and take notes within the article, save to a folder without an account
- Embedded citation tools (MLA 8th Edition, APA 6th Edition, Chicago 16th Edition)
- Links to "Related Subjects" to support shallow searchers
- Share/permalink any page using the "Bookmark" tab right side of the search bar at the top
- Advanced search allows for Boolean, and content selection (Advanced/Intermediate/Basic)
- Search specific learner outcomes in "Curriculum Standards" for the Alberta Social Studies curriculum - embedded links to the article included

CULTUREGRAMS

- Found in Grades 2 – 5 and 10 – 12 Social Studies Curriculum Maps
- Kids Edition - excellent support for gr. 3 & 5 Social Studies
- Provinces Edition - supports gr. 2 & 4 5 Social Studies
- World Edition - supports gr. 10-12 Social Studies
- Updated every 6 months and written/reviewed by in-country consultants
- Features included: customizable read-aloud, photo gallery, slideshows, videos, famous people, and cultural recipes
- Tools included: build-your-own graphs and tables, pre-generated graphs and tables, distance calculator, and currency converter

THE CANADIAN ENCYCLOPEDIA

- Found in Grades 10 – 12 Science Curriculum Maps and Grades 2 – 12 Social Studies Curriculum Maps
- Free website provided by Government of Canada
- Change from English to French at the top right-hand corner of every page
- New updated interface - much more aesthetic and functional
- Multiple pathways to finding content
- View personal accounts from veterans, view videos, articles, image and digital exhibits
- Articles include information about the author, publication date, editor, and edit date
- Embedded citations (MLA 7th Edition, APA 6th Edition, Chicago 16th Edition, Turabian)
- Wealth of Canadian content to support Social Studies grades 9-12
- Historica link at top left-hand side includes Citizen Challenge, immigration stories, etc. for grade 9

MULTIDISCIPLINARY VIDEO CONTENT

Curriculum Video

CURRICULUM VIDEO ON DEMAND

- Found in Grades 7 – 9 Social Studies Curriculum Maps
- Thousands of exclusive educational videos segmented into easy-to-use clips ideal for mashups
- Ability to share, save, and organize videos and custom playlists
- Google translate on every page
- Closed captioning and interactive transcripts on thousands of titles
- HTML embedded codes that allow direct access to videos from within Google Classroom, Moodle, or other Classroom Management Systems
- Content added regularly: approximately 1,000 new titles per year

CURRICULUM VIDEO ON DEMAND: CONTENT INCLUDED IN ORC

- 10,000 programs: 130,000 segments, 6,500 hours
- Business and Economics
- Family and Guidance
- Health and Nutrition
- Literature and Language Arts
- Science and Mathematics
- Social Studies
- Visual and Performing Arts
- Archival Films and Newsreels
- Also Available: Master Career and Technical Education Collection
- Career Exploration
- Career Fields
- Job Search Skills
- Job Success Skills
- Automotive Technology
- Building and Technical Trades
- Engineering Technology
- Technical Communication

MULTIDISCIPLINARY RESOURCES: A JUMPING OFF POINT TO RESEARCH

Britannica School: Elementary
Britannica School: Middle
Britannica School: High

BRITANNICA SCHOOL: ELEMENTARY, MIDDLE, HIGH

- Found in Grades 3 – 6 Science Curriculum Maps and Grades 4 – 7 Social Studies Curriculum Maps
- Recommended for students in grades K-6 (Elementary), students in 6-8 (Middle), and has content to prepare students for college-level research (High)
- Britannica Learning Zone designed for grades PreK-2
 - Offers play-based activities for learning colours, geography, numbers, shapes, how to tell time, and vocabulary
- Canada In Focus section devoted to articles about significant Canadian people, places, and history
- 3 reading levels allow users to change level while maintaining age appropriate interface
- Embedded read-aloud feature and font adjustment
- Text translation for 100 languages
- Seamless access on tablet, smartphone, laptop or desktop
- Educator tools including lesson plan builder

SUPPORT FOR SCHOOL STAFF USING THE ORC

- ORC Support Site
- ORC Listserv
- Links
- Contact

ORC SUPPORT SITE

www.onlinereferencecentre.ca

- Resource training materials - podcasts, videos, archived webinars, TwitterChats, and guides
- Information about upcoming free ORC PD opportunities
- Information about province-wide resource trials and surveys
- Online booking system for ORC sessions
- Calendar of ORC Events
- Links to ORC Twitter, YouTube, and Facebook accounts

ORC LISTSERV

- Weekly email updates powered by MailChimp and organized by grade level:
 - New resources and features
 - Province-wide trials
 - Surveys
 - Free PD opportunities
- No emails during school breaks
- Email ORC@thealbertalibrary.ab.ca or visit the ORC Support Site to join today



LINKS TO CHECK OUT

ORC Support Site
www.onlinereferencecentre.ca

ORC Listserv
<http://eepurl.com/cgred5>

ORC Facebook
www.facebook.com/OnlineReferenceCentre

ORC Twitter
https://twitter.com/ORC_AB

ORC YouTube
<https://www.youtube.com/channel/UC0KNbdjE16QwuTsXvfhUnFg>



CONTACT

For more information or to schedule a school presentation contact
Bethany Arsenault, ORC Coordinator

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