

Travel Alberta

This assignment allows students to travel through some of Alberta's Main cities. For each city there are specific projects to complete integrating Language Learning, Social Studies, and math. Each slide has a different task with internet links for students to locate the required information.

Students should be given the opportunity to present their presentation to the class.

Excel chart on temperatures- Guide the children through this as a class by using the directions. The slide contains an excel spreadsheet that children can enter data to quickly create a chart. They must double click on the chart and enter the temperatures. Ensure they are entering the information in the correct location. When students click on 1st qtr, hit the delete key to erase the information and type in January. Do the same for each of the columns to enter the four months. In row one, they must click where it says East, hit delete and replace it with Medicine Hat. They will have to click on the actual number 2 and 3 to highlight the entire row. This will delete all the information in the entire row. They can click on the "X" at the top of the spreadsheet to close it. The chart will automatically be created for them.

Table for Red Deer- Students will find pictures using the sites provided and copy and paste them into each of the blocks in the table. They must click in the individual blocks before pasting them so the picture goes directly into the table.

Social Studies Outcomes

Acquires information by reading to find the main idea and supporting details

Organizes information through the use of pictures, charts, graphs and reports accompanied by a title

Uses and interprets aerial photographs and maps of Alberta

Use simple illustrations, charts and graphs to support written work (two to four sentence paragraphs)

Organizes information on a topic using a simple outline, webbing, retrieval chart, etc.

In a final written product, applies the skills of revising and editing

Participates in a small group discussion or activity by following established rules

Math Outcomes

Select a sample or population and organize the collection of data

Manipulate data to create a graph/table for display purposes

Information and Communication Technology

Division 1 and 2

C1 Students will access, use and communicate information from a variety of technologies

1.1 access and retrieve appropriate information from electronic sources for a specific inquiry

1.2 process information from more than one source to retell what has been discovered.

2.1 access and retrieve appropriate information from the Internet by using a specific search path or from given uniform resource locations (URLs)

2.2 organize information gathered from the Internet, or an electronic sources, by selecting and recording the data in logical files or categories; and by communicating effectively, through appropriate forms, such as speeches, reports and multimedia presentations applying information technologies that serve a particular audiences and purposes.

C3 Students will critically access information accessed through the use of a variety of technologies.

1.1 compare and contrast information from similar types of electronic sources

2.1 identify and distinguish points of view expressed in electronic sources on a particular topic

2.2 recognize that information serves different purposes and that data from electronic sources may need to be verified to determine accuracy or relevance for the purpose used.

C4 Students will use organizational processes and tools to manage inquiry.

1.1 follow a plan to complete and inquiry

1.2 formulate new questions as research progresses

1.3 organize information from more than one source

2.1 design and follow a plan, including a schedule, to be used during an inquiry process, and make revisions to the plan as necessary

2.3 reflect on and describe the processes involved in completing a project

C5 Students will use technology to aid collaboration during inquiry

1.1 share information collected from electronic sources to add to a group task

2.1 retrieve data from available storage devices, such as a shared folder to which a group has contributed

2.2 record group brainstorming, planning and sharing of ideas by using technology

C6 Students will use technology to investigate and/or solve problems.

1.2 use technology to support and present conclusions

C7 Students will use electronic research techniques to construct personal knowledge and meaning.

1.2 summarize data by picking key words from gathered information by using jottings, point form or retelling

1.3 draw conclusions from organized information

1.4 make predictions based on organized information

2.1 use a variety of technologies to organize and synthesize researched information

2.2 use selected presentation tools to demonstrate connections among various pieces of information

F1 Students will demonstrate an understanding of the nature of technology

1.1 identify techniques and tools for communicating, storing, retrieving and selecting information

1.2 apply terminology appropriate to the technologies being used at this division level

1.3 demonstrate an understanding that the user manages and controls the outcomes of technology

2.1 apply terminology appropriate to the technologies being used at this division level

2.2 identify and apply techniques and tools for communicating, storing, retrieving and selecting information

2.3 explain the advantages and limitations of using computers to store, organize, retrieve and select information.

2.4 recognize the potential for human error when using technology

F2 Students will understand the role of technology as it applies to self, work and society

1.2 describe particular technologies being used for specific purposes.

F3 Students will demonstrate a moral and ethical approach to the use of technology

1.1 demonstrate courtesy and follow classroom procedures when making appropriate use of computer technologies

1.2 work collaboratively to share limited resources

1.3 demonstrate appropriate care of technology equipment

1.4 recognize and acknowledge the ownership of electronic material

2.1 comply with the acceptable use policy of the school and school authority for Internet and networked services, including software licensing agreements

2.2 work collaboratively to share limited resources

2.4 document sources obtained electronically, such as website address

- 2.5 respect the privacy and products of others
- 2.6 use electronic networks in an ethical manner
- 2.7 comply with copyright legislation

F4 Students will become discerning consumers of mass media and electronic information

- 1.1 compare similar types of information from two different electronic sources
- 2.1 recognize that graphics, video and sound enhance communication
- 2.2 describe how the use of various texts and graphics can alter perception
- 2.3 discuss how technology can be used to create special effects and/or to manipulate intent through the use of images and sound

F5 Students will practice the concepts of ergonomics and safety when using technology.

- 1.1 demonstrate proper posture when using a computer
- 1.2 demonstrate safe behaviours when using technology
- 2.1 demonstrate the application of ergonomics to promote personal health and well-being
- 2.2 identify and apply safety procedures required for the technology being used

F6 Students will demonstrate a basic understanding of the operating skills required in a variety of technologies.

- 1.1 perform basic computer operations, which may vary by environment, including powering up, inserting disks, moving the cursor, clicking on an icon, using pull-down menus, executing programs, saving files, retrieving files, printing, ejecting disks and powering down.
- 2.1 power up and power down various technologies and peripherals correctly

P1 Students will compose, revise and edit text.

- 1.1 create original text, using word processing software, to communicate and demonstrate understanding of forms and techniques
- 1.2 edit complete sentences, using such features of word processing as cut, copy and paste.
- 2.1 create and revise original text to communicate and demonstrate understanding of forms and techniques
- 2.2 edit and format text to clarify and enhance meaning using such word processing features as the thesaurus, find/change, text alignment, font size and font style

P2 Students will organize and manipulate data

P3 Students will communicate through multimedia

- 1.1 access images, such as clip art, to support communication
- 1.2 access sound clips or recorded voice to support communication
- 2.1 create a multimedia presentation, incorporating such features as visual images (clip art, video clips), sounds (live recordings, sound clips) and animated images, appropriate to a variety of audiences and purposes

P4 Students will integrate various applications

- 1.1 integrate text and graphics to form a meaningful message
- 1.2 balance text and graphics for visual effect
- 2.2 vary font size and font style, and placement of text and graphics, in order to create a certain visual effect

P5 Students will navigate and create hyperlinked resources

- 1.1 navigate within a document, compact disc or other software program that contains links
- 1.2 access hyperlinked sites on an intranet or the Internet
- 2.2 navigate through a document that contains links to locate, copy and then paste data in a new file
- 2.3 navigate the Internet with appropriate software