



Gold Seal Lesson

Author(s): David Nohara			Lesson Title: Cure for the Common Cold			
Grade Span			ICLE Application Model			
K-4	5-8	9-12 XX	A	B	C	D XX

Instructional Focus:

Reading

Students read a variety of grade level materials, applying strategies appropriate to various situations.

Writing

Students write for a variety of purposes and audiences with sophistication and complexity appropriate to the grade level.

Performance Task

You and some of your classmates seem to have developed slight colds. Most have one or more of the following symptoms: nasal congestion (runny nose), cough, fever, or sore throat. Your friends are taking a variety of over-the-counter medicines and all are giving you advice, but you are not sure if they are well informed. So, you want to do a little research that you can use yourself but also share with your friends.

1. Find 15 products that claim to treat one or more of the symptoms listed, either at a pharmacy or on the Internet.
2. Find out what their active ingredients are, what those active ingredients are supposed to do, how effective they are considered to be, and if they have any negative side effects.
3. Write a report summarizing your research. Be sure to include brief descriptions of common active ingredients and their effects, brief descriptions of each of the 15 products, a list of the medicines going by different names that actually have the same ingredients, recommendations for products and dosages for people with different symptoms, and any other important information (whether it causes drowsiness, for example). You may wish to use tables or charts to help organize and present the information. Be sure to include appropriate citations for the sources of your information, especially regarding the active ingredients.

Teachers' note:

To avoid creating a nuisance for local businesses, you may wish to arrange for a time when students can visit a pharmacy, ask a pharmacist or the school nurse for product packages or written descriptions the students can examine in the classroom, or download information yourself from product or store sites on the Internet.

ICLE Essential Skills

Identify, collect and/or select pertinent information while reading. (ela 5)
Summarize, synthesize and organize information while reading. (ela 24)
Know how to find and read information from a variety of electronic sources. (ela 28)
Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report. (ela 3)
Write a report on a topic that uses several sources of information and correctly document those sources. (ela 36a)
Understand and use graphs, charts, and visuals to enhance informational writing and oral presentations. (ela 29)
Understand the nature of informational and/or technical texts. (ela 71)
Understand that technical texts require precise understanding rather than interpretation. (ela 65)
Read for main idea first and then read for detail. (ela 49)

ICLE Essential Skills continued...

Follow the logic of the organization of a technical text. (ela 82)
Apply the information gathered from technical texts in real-life situations. (ela 35)
Follow written directions carefully and accurately. (ela 6)
Understand the needs of a specific audience and write and speak in ways that address these needs. (ela 62)
Present information in well-organized fashion that will be clear to the target audience. (ela 11)

Scoring Guide:

Research 40 Points	Student identifies 15 products that claim to treat one or more of the four symptoms Student consults and documents reliable sources for information on active ingredients Descriptions are complete and accurate
Organization, presentation, and language use 60 Points	Student creates logical structure to organize discussion of products (e.g., by active ingredient or symptom addressed) Student creates summary chart that makes it easy for a person to find products for their specific symptoms and background (age, allergies, etc.) Report sections are brief and clearly marked Technical terms are explained (especially names of active ingredients) Report follows rules and conventions of standard written English, including spelling, grammar, diction, and formats for citing sources

Keywords

English Language Arts	Mathematics	Science
Reading Comprehension Research	Algebra	Earth Science
Writing Technical writing	Geometry	Life Science
Communications	Statistics	Chemistry
Literature	Calculus	Physics
Other Technical reading	Trigonometry	Other
	Other	