



# Gold Seal Lesson

<b>Author(s):</b> Marsha Kucker			<b>Lesson Title:</b> Learning the Facts About Smoking			
<b>Grade Span</b>			<b>ICLE Application Model</b>			
K-4	5-8 X	9-12	A	B	C	D X

### Instructional Focus:

<b>Reading –</b> Students read a variety of grade level materials, applying strategies appropriate to various situations.
<b>Listening –</b> Students listen for a variety of purposes appropriate to the grade level.
<b>Speaking –</b> Students speak for a variety of purposes and audiences with sophistication and complexity appropriate to the grade level.
<b>Basic Concepts and Knowledge –</b> Students develop an understanding of scientific concepts using facts, theories, principles, and models.
<b>Science as Inquiry –</b> Students demonstrate knowledge and skills necessary to perform scientific inquiry.
<b>Science in Personal and Social Perspectives –</b> Students apply scientific principles to personal and social issues.

### Performance Task

<ol style="list-style-type: none"> <li>1. Ask students to brainstorm some of the reasons young people choose to smoke cigarettes and write them on the chalkboard.</li> <li>2. Ask students to brainstorm some of the reasons young people do not smoke cigarettes and write them on the chalkboard.</li> <li>3. Lead students in a discussion about these two lists, focusing on why people would make choices to smoke cigarettes if they know it is unhealthy. It might be important to mention that adult behavior is very similar to adolescent behavior in this area.</li> <li>4. Divide the class into teams and distribute the “Facts About Tobacco Handout”. Have each team complete the handout after researching the effects of tobacco on the Internet and also using library resources.</li> <li>5. Bring students back to the large group and discuss the new information they acquired about tobacco.</li> </ol>
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### ICLE Essential Skills

Follow oral or written directions. (ela 4)
Identify, collect and/or select pertinent information while reading. (ela 5)
Express opinions clearly and forcefully without interrupting or insulting others. (ela 16)
Use brainstorming, role playing, and standard problem solving strategies to define a problem and suggest solutions. (ela 19)
Participate, sometimes leading, in group meetings by contributing, taking turns speaking, and working toward a common goal. (ela 20)
Understand the personal, social, cultural and historical significance of a text. (ela 23)
Summarize, synthesize and organize information while reading. (ela 24)
Synthesize and evaluate ideas from several selections on similar topics. (ela 38)
Gather information such as data, facts, ideas, concepts, and generalizations from oral sources. (ela 51)
Analyze and evaluate a speaker’s statements of opinion, personal preference and values. (ela 70)

### Scoring Guide:

See attachment: Learning the Facts About Smoking Charts
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**Keywords**

English Language Arts	Mathematics	Science
Reading Research	Algebra	Earth Science
Writing	Geometry	Life Science Behavior Disease Health Scientific inquiry
Communications Discussion Listening	Statistics	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	

**Chart**  
**Learning the Facts About Smoking**

<b>3</b>	<b>BEYOND</b>	<p>Analyzed and readily understood the task.</p> <p>Developed an efficient and workable strategy.</p> <p>Showed explicit evidence of carrying out the strategy.</p> <p>Synthesized and generalized the conclusion.</p>
<b>2</b>	<b>AT LEVEL</b>	<p>Understood the task.</p> <p>Developed a workable strategy.</p> <p>Inferred (some evidence) but not always clear.</p> <p>Connected and applied the answer.</p>
<b>1</b>	<b>NOT YET AT</b>	<p>Partially understood the task.</p> <p>Appropriate strategy some of the time.</p> <p>Possible evidence of a plan – not clear.</p> <p>Partial connection of answer.</p>
<b>0</b>		<p>Totally misunderstood.</p> <p>Inappropriate, unworkable strategy.</p> <p>No evidence of carrying out a plan.</p> <p>No connections of answer.</p> <p>Blank.</p>

# FACTS ABOUT TOBACCO

Directions: Fill in the blanks with the correct word or numbers.

1. \_\_\_\_\_ is the disease most often associated with cigarette smoking. \_\_\_\_\_ percent of all cases of the disease happen in smokers and \_\_\_\_\_ percent of these people die within \_\_\_\_\_ years.
2. Every cigarette a person smokes takes \_\_\_\_\_ off his/her life.
3. Cigarettes contain \_\_\_\_\_ and \_\_\_\_\_ two major sources of cancer.
4. Cigarette smoke pollutes the \_\_\_\_\_ we breathe with \_\_\_\_\_. Even nonsmokers are seriously endangered.
5. Nicotine makes people feel \_\_\_\_\_ and \_\_\_\_\_ not calm and relaxed.
6. Besides lung cancer, other diseases associated with cigarette smoking include \_\_\_\_\_ and cancer of the \_\_\_\_\_ and \_\_\_\_\_.
7. The first major report linking smoking with lung cancer was issued in \_\_\_\_\_ by the U.S. \_\_\_\_\_.
8. Only about \_\_\_\_\_ of the people who try to quit smoking after they have started are successful.
9. The short-term health hazards of cigarette smoking include shortness of \_\_\_\_\_ and damage to \_\_\_\_\_.

## ANSWER KEY

1. LUNG CANCER, 90%, 5
2. 6 MINUTES
3. TAR, NICOTINE
4. AIR, POISONOUS GASES
5. JITTERY, NERVOUS
6. HEART DISEASE, MOUTH, THROAT
7. 1964, SURGEON GENERAL
8. 50%
9. BREATH, BLOOD CIRCULATION