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Title:	Is it the Flu? What do I do?
Grade Levels:	5-8
Curriculum Areas:	 Science
Measurable Objectives:	 TSW learn about Influenza by doing independent research.  TSW construct a PowerPoint or brochure on the flu to show what he/she learned.
LA Content Standards:	 Science as Inquiry The students will do science by engaging in partial and full inquiries that are within their developmental capabilities.  Life Science The students will become aware of the characteristics and life cycles of organisms and understand their relationships to each other and to their environment. <ul style="list-style-type: none"> • SI-M-A3 using mathematics and appropriate tools and techniques to gather, analyze, and interpret data; • SI-M-A4 developing descriptions, explanations, and graphs using data; • LS-M-A7 describing communicable and noncommunicable diseases. <p><u>Interdisciplinary Connections:</u></p>  English/Language Arts : Standard One Students read, comprehend, and respond to a range of materials, using a variety of strategies for different purposes.
Technology Guidelines:	 Compose and edit a multi-page document with appropriate formatting using word-processing skills. (e.g., menu, tool bars, dialog boxes, spell check, thesaurus, page layout, headers and footers, word count, margins, tabs, spacing, columns, page orientation) (1 , 3 , 6)  Use information, media, and technology in a responsible manner which includes following the school's acceptable use policy, adhering to copyright laws, respecting the rights of others, and employing proper etiquette in all forms of communication. (4 , 5)  Use multimedia tools and desktop publishing to develop and present computer-generated projects for directed and independent learning activities. (1 , 3)  Use technology tools (e.g., multimedia authoring, writing tools, digital cameras, drawing tools, web tools) to gather information for problem solving,

	<p>communication, collaborative writing and publishing to create products for various audiences. (1, 3, 4)</p> <ul style="list-style-type: none">  Understand Internet concepts (e.g., website, hypertext link, bookmarks, URL addresses) and apply intermediate on-line searching techniques (e.g., employ keyword, phrases, and Boolean Operators). (1, 4)  Use telecommunications and online resources efficiently and effectively to collaborate with peers, experts, and others to investigate curriculum-related problems, issues, and information and to develop solutions or products for various audiences. (1, 2, 3, 4)
Technology Connection:	<ul style="list-style-type: none">  Research websites  PowerPoint  Publisher
Procedures:	<ul style="list-style-type: none">  Students will learn about Influenza by doing independent research, and will construct a PowerPoint or brochure on the flu to show what they learned. <ul style="list-style-type: none">  Learn about the Flu <ul style="list-style-type: none">  http://www.flu101.com/  http://www.cdc.gov/flu/about/disease.htm  http://www.lungusa.org/diseases/luninfluenz.html  http://www.nfid.org/library/influenza/what/index.html  http://www.nfid.org/library/influenza/virus/index.html  Flu and Cold Guidelines <ul style="list-style-type: none">  http://www.nfid.org/library/influenza/know/index.html  http://www.lungusa.org/diseases/c&f03/c&f_index.html  <i>Influenza News</i> <ul style="list-style-type: none">  http://www.lungusa.org/pub/download/InFluNews2003_gray.pdf  Flu Fact sheet <ul style="list-style-type: none">  http://www.lungusa.org/diseases/influenza_factsheet.html  http://www.nfid.org/library/influenza/research/index.html  FluWatch http://www.fluwatch.com/index2.html  Who should get the Flu shot? <ul style="list-style-type: none">  http://www.cdc.gov/flu/protect/vaccine.htm  Protecting yourself and others <ul style="list-style-type: none">  http://www.cdc.gov/flu/protect/preventing.htm  http://www.nfid.org/library/influenza/diagnosis/index.html
Materials:	 paper and pens, folders, disks to save working drafts
Assessment:	 PBL checklist on multimedia
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