

Learning Activity Template

Title: I S is for Scientist

Curriculum: Science

Grade-Level Span: Grade 5

PURPOSE:

Students will use technology tools to produce projects related to scientists and their work in science and technology, both past and present.

DESCRIPTION:

Students will discuss basic issues relating to responsible use of technology and information. Students will research the life and works of a scientist using print and electronic resources. Students will construct a page for a class alphabet book. Students will develop a PowerPoint slide for a class presentation. Students will create a short biography of themselves for the “About the Author” page/slide of the book and PowerPoint presentation.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
Students will discuss basic issues relating to responsible use of technology and information.	Grade 5 SCI I - C2	2
Students will research the life and works of a scientist using print and electronic resources.	Grade 5 SCI I – C2	5
Students will construct a page for a class alphabet book.	Grade 5 SCI I – C2	3
Students will develop a PowerPoint slide for a class presentation.	Grade 5 SCI I – C2	4
Students will create a short biography of themselves for the “About the Author” page/slide of the book and PowerPoint presentation	Grade 5 SCI I – C2	4

TOOLS AND RESOURCES:

(List all Web sites, specific software and hardware, and other needs.)

Software:

Microsoft Word

Microsoft PowerPoint

Digital Media:

Digital Camera

Scanner

Web Sites:

Search Directories: Yahoo!igans; Ask Jeeves for; Kids; KidsClick; others if needed

Online Database:
ELM (InfoBits...)

ASSESSMENT:

Student Assessment Rubric – S is for Scientist Page

Project Requirements:

Text: 30 points available, 6 points for each topic

- Birth and death dates, country of origin
- At least two facts about early life
- At least two facts about field of science
- Major accomplishments
- Awards

Text features: 30 points available, 6 points for each topic

- Title in header
- Student name in footer
- Text sizes and fonts following example
- Illustrations placed in pleasing format
- Text conventions all in place

Illustrations: 20 points available, 5 points for each topic

- Photograph or picture of scientist
- At least two symbols or pictures related to scientist
- Sources cited for photographs and illustrations

Resources Credit: 20 points available, 10 points for each topic

- Website URL used as source of information
- Print resource citations using given example

Component	Let's keep working	Are you finished?	Great job!	Wow!
Text	Less than 15 points	15-19 points	20-27 points	28-30 points
Text Features	Less than 15 points	15-19 points	20-27 points	28-30 points
Illustrations	Less than 10 points	10-14 points	15-17 points	18- 20 points
Resource Credit	Less than 10 points	10-14 points	15-17 points	18- 20 points

Student pages and PowerPoint slides will be evaluated using a rubric. (See attached.)

CREDITS (INCLUDING CONTACT INFORMATION):

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COMMENTS:

We have not taught this activity before. We are adding this to our science curriculum based on the new standards' requirements.

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