

Learning Activity Template

Title: A Walk Through The Heart

Curriculum: Health/Technology

Grade-Level Span: 6

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PURPOSE: To research how blood travels through the circulatory system

DESCRIPTION: Using the Big 6 method of research, students will create a presentation which describes the path that the blood takes through the circulatory system.

ACTIVITIES	Curriculum Standards	Minnesota Technology Standards	ISTE-NETS	Information Literacy Standard	Big 6
The student will use the Big 6 method to research the circulatory system.		IIA,	1,6		
The student will read and evaluate information for relevancy to their question.		IIIA,III C, IV B	2,8		
The student will create a multi-media product which demonstrates how the blood travels through the circulatory system.		IIID	3,7		
The student produces citations which give credit to resources used to create their product.		IVA, IVB	8		
The student will use the Big 6 assignment organizer to lead them through the research process.		I A, IVC	1		

TOOLS AND RESOURCES:

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

Internet in our Media Lab, Word, Power Point, etc. I used the Big 6 tools for teaching at www.big6.com to assist me in teaching the Big 6 research model. I used the Information Literacy Standards at <http://www.cnets.iste.org/currstands/cstands-il.html> . (see also appendix A for specific standards used in this lesson.) You may also use the Minnesota Educational Media Organization's (MEMO) Recommended Standards for Information and Technology Literacy at <http://www.memoweb.org/htmlfiles/linkslitstandards.html>. I would also use the assignment organizer on the following website <http://www.sasaustin.org/library/assignmentOrganizer> to guide students through the process of researching the topic. (see Appendix B)

ASSESSMENT:

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible.)

I would use the BIG 6 Rubric for Assessment: Integrated Problem Solving Model to assess the process of researching the topic. <http://www.big6.com/showarticle>. I would create my own rubric to assess the quality and content of the product.

CREDITS (INCLUDING CONTACT INFORMATION):

(Record the names and e-mail addresses, if possible, of those who contributed to the development of this learning activity.)

COMMENTS: I have not taught this particular activity, although I have taught this subject previously. I found templates that I could use in my evaluation of the research process, which will also give students a self-guided form to follow, with the classroom teacher then becoming the facilitator. This also addresses the classroom management piece in the computer lab.

(Have you taught this learning activity before? What are the great ah ha's/experiences you had?)

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Appendix A**ISTENETS Information Literacy Content Standards**

Standard 1: The student who is information literate accesses information efficiently and effectively.

Standard 2: The student who is information literate evaluates information critically and competently.

Standard 3: The student who is information literate uses information accurately and creatively.

Standard 6: The student who is an independent learner is information literate and strives for excellence in information seeking and knowledge generation.

Standard 7: The student who contributes positively to the learning community and to society is information literate and recognizes the importance of information to a democratic society.

Standard 8: The student who contributes positively to the learning community and to society is information literate and practices ethical behavior in regard to information and information technology.

Appendix B



Library Main

Quick Start

Find Books from School

Find Books from Home

Get Organized!

Accelerated Reader

Your Favorites

Libra

Big6 Assignment Organizer

Fill out Big6 #1-5 **before** you begin to work on your assignment.
Fill out Big6 #6 **before** you turn in your assignment.
You will need to print this form before exiting the page.

Name:

Today's date:

Class:

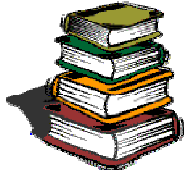


Big6 #1: How does the blood flow through the circulatory system?

What am I supposed to do?

What information do I need in order to do this? (Consider listing in question form)

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.



Big6 #2: Information Seeking Strategies

What are the best sources I can use to find this information?

1.
2.
3.
4.
5.
6.
7.
8.

If using web sites, how will I know that they are good enough for my project?

- I will use only those evaluated by and provided by my teachers.
- I will ask my librarian, teacher, or parent for help in finding good web sites for my project.



Big6 #3: Location & Access

Where will I find these sources?

- school library
- public library
- personal library
- provided by my teachers
- Internet
- other:

Who can help me find what I need?

- I can find the sources myself
- my librarian
- my teacher

- my parent(s)



Big6 #4: Use of Information

How will I record the information that I find?

- take notes using cards
- take notes on notebook paper
- take notes using a word processor on a computer ([Microsoft Word form](#))
- take notes using a data chart or other graphic organizer ([data chart set-up guide](#))
- illustrate concepts
- record into a tape recorder or use a video or digital camera
- other:

How will I give credit to my sources?

- use the guide given to me by my teacher
- use the [Citation Machine](#)
- use the [Quick Guide](#) for citing other resources
<http://www.sasaustin.org/worksCited.php>



Big6 #5: Synthesis

How will I show my results?

- written paper
- oral presentation
- multimedia presentation
- performance or
- other:

How will I give credit to my sources in my final product or performance?

- include a written bibliography

after the performance or presentation, announce which sources I used

other:

Materials I will need for my presentation or performance (list, separating by commas)

How much time do I estimate it will take to find the information and create the pr

Timeline for assignment

Ideas for project (task definition) completed by:

Information searching (note taking) completed by:

First draft due:

Completed assignment due:

Include here any additional information needed to successfully complete the assignment:



Big6 #6: Evaluation

How will I know if I have done my best?

Before turning in my assignment, I need to check off all of these items (on the printed c

- what I created to finish the assignment is appropriate for what I was supposed do
- the information I found in Big6 #4 matches the information needed in Big6 #1
- credit is given to all of my sources, written in the way my teacher requested
- my work is neat
- my work is complete and includes heading information (name, date, etc.)
- I would be proud for anyone to view this work



[\[Home Page\]](#) [\[Quick Start\]](#) [\[Subject Sites\]](#) [\[Homework: Help!\]](#) [\[Crus](#)

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