

Biology Unit: Story book Project

You have been assigned the task of creating a children's story book. The topic of the story book will be related to cells, genetics or internal systems. You may choose to work individually or with one partner. The following is a list of criteria for the story book:

- Audience: Grade 5 to 7 readers.
- Size: The pages of the book must NOT be larger than letter size (8.5" x 11").
- Length: Minimum of 4 double-sided pages to Maximum of 6 double-sided pages.
- Illustrations: The pictures/diagrams included should be colourful and original.
- Content: Topic should be well-explained and a significant part of the story.
- Language: Terminology of your topic should be explained in a simple way that is appropriate for the reading level of the readers.
- Text Format: It should be "typed" (hand written is NOT acceptable).
- Overall Effectiveness: Is the story engaging and yet informative? Be creative!

MARKING SCHEME:

APPLICATION MARK	TOTAL MARK: / 18
Content: Topic well-explained and understood	0 2 4 6 8 10
Note-Taking Sheets: Quality of Note-taking and Focus Questions (using sheets provided)	0 1 2 3 4 5 6
Works Cited: Proper format on separate page (at least <u>two</u> different types of sources)	0 1 2
COMMUNICATION MARK	TOTAL MARK: / 22
Format: Appropriate size, length, text,	0 1 2 3 4
Language: Appropriate level, well-edited	0 1 2 3 4
Effectiveness: engaging story, creative	0 2 4 6 8 10
Note-Taking Sheets: Hand-written and Point Form (using sheets provided)	0 1 2 3 4

STORY BOOK PROJECT is DUE on : _____

List of Possible Topics for Biology Story book:

1. Red-Green Colour Blindness
2. Type 1 (Juvenile) Diabetes
3. Cystic Fibrosis
4. Huntington's Disease
5. Genetically Modified Foods
6. Human Reproductive Technology
7. Arteriosclerosis
8. Lung Cancer
9. Spina Bifida
10. Phenylketonuria (PKU)
11. Cerebral Palsy
12. Stomach Ulcers
13. Fragile X syndrome
14. Pregnancy Tests - How they Work
15. Cardiac Dysrhythmia
16. Skin Cancer
17. Klinefelter's syndrome
18. Gastroesophageal Reflux Disease (GERD)
19. Parkinson's disease
20. Bronchial Asthma
21. DNA Fingerprinting - Use in Forensics/Paternity Tests
22. Myocardial Infarction
23. Turner's syndrome
24. Gallstones
25. Atrial Septal defect
26. Breast Cancer
27. Dwarfism - Use of Growth Hormone
28. Fetal Alcohol syndrome
29. Down syndrome
30. Appendicitis

Research to Reading: Children's Book Assignment

Getting Started: Questions to Consider

Think about the **audience** you imagine reading this book. Remember the books that have made an impression on you. What was it that was **appealing** about the book that kept your attention?
What are your particular skills: what kind of visuals will you use?
How will you transform your research into a picture book, designed to **teach and interest** a younger reader?

Here are some options:

1. Question and Answer
2. Narrative (siblings talking; parent and child; animals; nature etc.)
3. Rhyme
4. Pop-up
5. other?

Transforming the research notes:

- You can't include every piece of information you have found so...

1. **Re-read** your notes
2. **Select**, by highlighting, the information you want to use in your children's book. Eliminate extra information, details that a younger child would not be able to understand.
3. **Organize** that information on a storyboard. Plan where each piece of information will be placed.
4. **Sketch** ideas for the visual component.

Once you have selected information, re-write it with your audience in mind. Consider the following:

1. The amount of text on each page
2. The size of page and size and style of font
3. **Language usage**
 - ✓ strong, action-oriented verbs
 - ✓ colourful adjectives
 - ✓ poetic devices: alliteration is particularly effective with younger readers ☺
 - ✓ appropriate vocabulary for age group
 - ✓ balance of narrative and information

In addition to the story, each children's book must also contain **ONE** of the following three components:

1. **Glossary****. Here, you will define and explain medical/scientific terms used in your book in a way that is easily understandable for the reader..
2. **Suggested Web Sites**** Provide a list of web sites that are kid friendly and that will help your readers find more information on the topic.
3. **Graph or Diagram**: Include at least one graph or diagram to help explain the topic to your reader.

**Put the glossary and list of suggested web sites at the back of your book

Biology Project : Story Book

Topic: _____

This sheet must be completed prior to the library period.

Brief Outline of the Topic: (use your text or online encyclopedia)

Focus Questions: What do you want to know about your topic?

1.

2.

3.

4.

5.

6.

Science Note-Sheet

Name: _____

Internet Source

Sponsor/Name of Site: _____

Section of website used " _____ "

Date: _____

Internet Address: www. _____

Question: _____

Question: _____

Question: _____

Question: _____

Print Source Note Sheet

Name: _____

Author: _____ Title: _____

Publisher: _____ City of Publication: _____

Date : _____

Question : _____

Question : _____

Author: _____ Title: _____

Publisher: _____ City of Publication: _____

Date : _____

Question : _____

Question : _____

SCN2D1: STORYBOARD ~ In each square, record the text that will appear on your pages. Roughly sketch the placement of drawings, colours, text fonts etc.. The only thing you need to include in full detail is the TEXT; the rest can be roughed in. This format allows you to see your book at a glance and forms your rough copy which must be handed in with the final product. Remember you are aiming for 4-6 double sided pages in your book (for a total of 8-12 pages!). The glossary, web sites, chart may be in addition to your final page count.

Title Page	1.	2.	3.
4.	5.	6.	7.

8.	9.	10.	11.
12.	Glossary / Chart / Web Sites		

Names:
