Water Children’s Book Project

**Purpose:** In this project, you will focus on two of the unique properties of water and present it in the form of a children’s book (for readers 8-10 years old).

**Group Size:** 1-3 people from the same period**.**  Same content and quality of work is expected regardless of group size.

**Project Due Dates:** The Water Children’s Book is due on or before February 12th for A-day and February 13th for B-day. Projects will be graded during class by other students. Any project that is not ready at the beginning of class will be considered late even if absent for any reason. Students may turn in the project early. Late projects will lose 5% for every school day they are late.

**Format:** The book can be created digitally or by hand, but a physical copy of the book must be turned in. It needs to have a cover and be at least 6 pages in length (not including the cover pages). The front cover should have your title, period, and names of the people in your group. The back of the front cover should specify who was the writer, illustrator, and/or researcher for the group unless the project was done individually. The book needs to be bound in a three ring binder, project slip cover, staple neatly along/inside so that it looks neat as well as being easy to read, or some other type of professional looking binding. Stapling only the corner of the book does not count as professional looking binding. The back cover should have your minimum of 3 sources listed on it in APA or MLA format to receive full credit. If you are not personally creating the pictures you must provide the source to avoid plagiarism.

**Required Elements:**

* A cover page with the information described in the format section
* Scientific explanation of the key concepts (facts, information, did you know?)
* Maintains a scientific focus in an appropriate voice for a children’s book.
* Neatly written or typed using appropriate spelling and grammar.
* Appropriate illustrations that support your story. (include sources if you did not create them)
* Show that you understand and can explain the key concept on which you are writing.
* Minimum of 3 specific sources on back cover

**Procedure:** After getting your information, you will need to create a setting and a plot line for your story. There is an optional Story Outline sheet that will help you organize the important information and the plot. The story is minimum of 6 pages and a cover. Sentences should be simple and use appropriate vocabulary for young audiences. After cooperatively crafting this, you will need to create your story.

**Content:**  You will cover two of the following unique properties of water: surface tension, less dense as a solid, capillary action (adhesion and cohesion), or high specific heat. For each property you must include an explanation of the property, why and how it is important, and then give a real world example of this property. The why and how and real world example should be two separate items. You need a minimum of three reliable and specific sources (not Wikipedia).

**Story Outline (optional)**

**Property 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Explanation:**

**Why and how it is important:**

**Real World Example/setting:**

**Property 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Explanation:**

**Why and how it is important:**

**Real World Example/setting:**

**Setting and Plot**

How are you going to incorporate the details you researched into your book?

Briefly describe characters:

Briefly outline the story or describe the storyline:

Water Project Overall Grading Rubric

|  |
| --- |
| **CONTENT (graded by Mrs. Schow)** |
|  | 4 | 3 | 2 | 1 | 0 |
| **Property of water #1** | Contains all 3 required properties and they are fully integrated into the story’s plot | Contains all three required properties: explanation of property, why and how it is important, and real world example/setting | Contains two of the required properties: explanation of property, why and how it is important, and real world example/setting | Contains one of the required properties: explanation of property, why and how it is important, and real world example/setting | None of the required info is included |
| **Property of water #2** | Contains all 3 required properties and they are fully integrated into the story’s plot | Contains all three required properties: explanation of property, why and how it is important, and real world example/setting | Contains two of the required properties: explanation of property, why and how it is important, and real world example/setting | Contains one of the required properties: explanation of property, why and how it is important, and real world example/setting | None of the required info is included |
| **Back Cover/sources** | Back cover contains 3 reliable and specific sources in MLA or APA formatting | Back cover contains 3 reliable and specific sources | Back cover contains 2 reliable and specific sources | Back cover contains 1 reliable and specific sources | Back cover contains no reliable and specific sources |

Score for Content: /12

Average Score for Format and Presentation: /28

Overall Score: /40

Grade in Skyward (overall/10): /4

|  |
| --- |
| **FORMAT & PRESENTATION** |
|  | 4 | 3 | 2 | 1 | 0 |
| **Binding** | Binding is done in a professional manner (ex: 3-ring binder, project slip cover, etc), all pages are contained (not falling or hanging out) and pages are lined up neatly. | Binding is done in a professional manner but pages are not neatly arranged**OR**Binding is not very professional (i.e. just stapled in the corner) but pages are neatly arranged. | Pages are bound, but it is done in a manner that makes it difficult to read | The pages are not bound but are in order and neatly arranged | The pages are not bound and are not neatly arranged**OR**The pages are out of order |
| **Front Cover**  | Front cover has story title, illustration, name(s), and period ANDBack of front cover has roles of group members (unless done individually) | Missing 1 of the required pieces of information | Missing 2 of the required pieces of information | Missing 3-4 of the required pieces of information | The front cover is blank |
| **Length** | Story contains at least 6 pages of content (not including cover pages) | Story contains 5 pages of content (not including cover pages) | Story contains 3-4 pages of content (not including cover pages) | Story contains 2 page of content (not including cover pages) | Story contains 1 page of content (not including cover pages) |
| **illustrations** | There is at least one (relevant to the content on the page) illustration per page – 6 total | Only 4-5 pages contain a (relevant to the content on the page) illustration  | Only 2-3 pages contain a (relevant to the content on the page) illustration | Only 1 pages contain a (relevant to the content on the page) illustration | There are no illustrations relevant to the content on the page |
| **General Appearance** | Appearance is neat and professional (either typed or hand written neatly and legibly with no scribbles)  | Most of the appearance is neat an professional, but all of it is legible | Can read the whole story, but is messy and hard to read in a couple spots | Able to read most of the story, but it is difficult to read a lot of the words | Unable to read most of the story |
| **Theme (plot or story)** | Story is cohesive, flows well from page to page, with clear transitions between ideas, and story has an overall “plot” | Story is cohesive, flows well from page to page, but suffers from poor transitions between ideas, or overall “plot” is unclear | Story is somewhat cohesive, somewhat flows well from page to page, but suffers from poor transitions between ideas, or overall “plot” is unclear | Story does not have a flow, there is no clear plot | Story does not make sense and has not plot |
| **Writing skills** | Correct spelling and grammar, complete sentences or thoughts. | Most spelling and grammar is correct, and thoughts and thoughts or sentences are complete | There are many spelling and grammar errors, but thoughts or sentences are complete | There are many spelling and grammar errors, and thought or sentences are incomplete | There are so many spelling and grammatical errors the sentences do not make sense |

***Name(s) on Project: Total Score:***  ***/28***