

TCS Middle School Summer Reading 2019

You will read 1 book and 3 newspaper articles and complete the assignments described below. These assignments are due the first day of school or may be turned in on Orientation Day.

THE MATERIALS

Choose a book: You will choose one book to read for the required summer reading, either fiction or non-fiction. You will choose your book from the list provided for your grade. You will need to purchase this book or borrow it from the public library.

Choose 3 Newspaper Articles: You will choose and read 3 newspaper articles. These must be from major news outlets, not from blogs or other private publications.

THE ASSIGNMENTS

Book Selection: An Old-Fashioned Book Report

1. Choose a book from the list for your grade and read it.
2. Complete the attached outline for the book report. (See Middle School Outline Template for Book Report)
3. Use the outline to write a fully developed report. Follow the structure of your outline, use correct grammar and mechanics, and include appropriate transitions. It should be typed or handwritten in blue or black ink.
4. This is the first writing we will see from you to mark the beginning of the new school year! Make it the best it can possibly be!
5. Be creative with the cover page of your report. Examples: a book "cover" that includes the title and author with an illustration; calligraphy with no illustration; an artistic symbol from the book.

Analysis of Newspaper Articles

1. Choose and read 3 newspaper articles. You may choose articles from any section of the newspaper that interests you! These articles must be from major news outlets, not from blogs or other private publications.
2. Complete the Newspaper Analysis sheet for each article. (See Middle School Template for Newspaper Analysis)
3. Attach the Analysis Sheet to the article. The articles may be cut out from a newspaper or printed from an online source.
4. To get a clearer picture of what is expected: find an example of this assignment on my webpage - a completed Newspaper Analysis Sheet with a newspaper article.

7th Grade Book List - Fiction

<i>Among the Hidden</i>	Margaret Peterson Haddox
<i>20,000 Leagues Under the Sea</i> (any Jules Verne novel)	Jules Verne
<i>Airman</i>	Eoin Colfer
<i>Anne of Green Gables</i> – any of series	L. M. Montgomery
<i>Beorn the Proud</i>	Madeleine A. Polland
<i>Deadly</i>	Julie Chibarro
<i>Death Cloud</i> Sherlock Holmes: any of the Legend Begins series	Andy Lane
<i>Escape from Warsaw</i>	Ian Serrailler
<i>Harry Potter and the Goblet of Fire</i>	J. K. Rowling
<i>Harry Potter and the Order of the Phoenix</i>	J. K. Rowling
<i>Harry Potter and the Prisoner of Azkaban</i>	J. K. Rowling
<i>Hatchet</i>	Gary Paulsen
<i>Insignia</i>	S. J. Kincaid
<i>Island of the Aunts</i>	Eva Ibbotson
<i>Legend</i>	Marie Lu
<i>Little Women</i> - any of series	Louisa May Alcott
<i>Mr. Midshipman Hornblower</i>	C.S. Forester
<i>The Black Cauldron</i> – any of series	Lloyd Alexander
<i>The Bronze Bow</i>	Elizabeth George Speare
<i>The Giver</i>	Lois Lowry
<i>The Hobbit</i>	J.R.R. Tolkien
<i>The Lion, The Witch, and the Wardrobe</i> -any of Narnia Series	C.S. Lewis
<i>The Maze Runner</i> -any of series	James Dashner
<i>The Secret Garden</i>	Frances Hodgson Burnett
<i>The Spartan</i>	Caroline Snedeker
<i>The Total Tragedy of a Girl Named Hamlet</i>	Erin Dionne
<i>The Wanderings of Odysseus</i>	Rosemary Sutcliff
<i>The Witch of Blackbird Pond</i>	Elizabeth George Speare
<i>Treasure Island</i>	Robert Louis Stevenson
<i>When You Reach Me</i>	Rebecca Stead
<i>Where the Red Fern Grows</i>	Wilson Rawls

7th Grade Book List – Non-fiction

<i>A Black Hole is Not a Hole</i>	Carolyn Cinaami DeCristofano
<i>An American Plague</i>	Jim Murphy
<i>Augustus Caesar's World</i>	Genevieve Foster
<i>Guinea Pig Scientists</i>	Mel Boring
<i>Chinese Cinderella: The True Story of an Unwanted Daughter</i>	Adeline Yen Mah
<i>Lincoln's Grave Robbers</i>	Sheinkin
<i>Small Steps: The Year I Got Polio</i>	Peg Kehret
<i>The Crossing: How George Washington Saved the American Revolution</i>	Jim Murphy
<i>The Great and Only Barnum: The Tremendous, Stupendous Life of Showman P.T. Barnum</i>	Candace Fleming
<i>The Hive Detectives: Chronicle of a Honey Bee Catastrophe</i>	Loree Griffin Burns
<i>The Secret of the Yellow Death: A True Story of Medical Sleuthing</i>	Suzanne Jurmain
<i>Truce: The Day the Soldiers Stopped Fighting</i>	Jim Murphy

Name: _____ Date: _____

**Middle School Outline Template for
Book Report**

This template will map out the information you need to include in your book report. **As you read the book, fill in the sections for this template.** You will receive a grade for this template and for the report (see points next to each item). When you go to write your book report, be sure to include the information completed on the following pages. **The final report must be typed and double spaced. Be sure to hand into your Reading teacher both this template and the book report when you return to school.**

Introductory paragraph - What is the name and author of the book on which you are choosing to write? (2 pts.)

Book title : _____

Author: _____

Write at least 3 facts about the author (Where is he/she from? What kinds of books does he/she write? About what topics does he/she write?) (3 pts.)

- _____
- _____
- _____

2nd paragraph

Write 1-2 sentences that give a brief summary of the book (ex: *Loser* is the story of Donald Zinkoff, a student who struggles to stand strong even though he is constantly teased by his classmates.

- _____

Write 2-3 sentences that describe the setting of the book (Where and when does the story take place? How is the setting significant to the story?)(8 pts)

- _____
- _____
- _____

3rd paragraph

Write a topic sentence about the major characters of the book (ex: There are several main characters involved in the book *The Giver*) (8 pts.)

- _____

Describe the main characters in the book in the 2nd paragraph (you may have 2, 3, 4, 5 or more important characters). Include characteristics of the characters that are important to the story.

- _____

- _____

- _____

- _____

4th paragraph

Write a topic sentence about the main events that occur in the book (ex: There are several main events that happen in the story of *Hatchet*) (10 pts.)

- _____

Include the main events of the book in the 4th paragraph:

- First, _____

- Next, _____

- Then, _____

- Finally, _____

The 5th paragraph will discuss a section of the book you found to be most interesting. Start out this paragraph with the following quote.

“The part of the book I found to be most interesting is around page _____, when”
(jot down some of the interesting details here) (4 pts.)

Give at least 2 reasons why this part is interesting to you:

- _____

- _____

The 6th paragraph will tell why you liked or disliked the book

The topic sentence should include whether you **liked** or **disliked** the book.

- _____

Include 3-4 sentences that tell **why** you liked, or disliked or the book. (6 pts.)

- _____

- _____

- _____

Name: _____

Newspaper Article Analysis

Use this sheet to analyze your newspaper articles. You must complete 3 of these Newspaper Article Analyses and attach the Original Articles to each.

I. Headline (title) of Article: _____

Author: _____

Newspaper/Electronic Source: _____

Date article was published: _____ Section _____ (Ex: front page/sports/travel, etc.)

II. Read the first paragraph, also called the “lead.” Copy the lead here:

“

_____”

III. Read the rest of the article one time through quickly. Then reread it and using a pencil, underline the points you think are most important.

After you have marked up the article, look for the 5 “W’s” and one “H” that you find in the article and write them below:

Who? _____

What? _____

Where? _____

When? _____

Why? _____

How? _____

IV. Copy an interesting quote that the writer uses in his/her article:

V. In one or two sentences, write the main idea of the article **in your own words:**

PROPOSED 2019 SCIENCE FAIR DEADLINES

Trinity Catholic School's Science Fair 2019 *(information for summer packet)*

Dear 7th grade parents:

Welcome to 7th grade! One of the neat experiences Trinity Catholic School offers to our 7th graders is to participate in a school-wide science fair with the potential to compete at the Capital Regional Science & Engineering Fair in Tallahassee (against other schools in surrounding counties) and at the State Science and Engineering Fair in Lakeland.

We will teach the scientific method in class, but each student will conduct and complete their science fair project at home. We have attached a timeline to assist the student on staying on task and finishing the project in a timely manner. Due dates are subject to change, but this will give you an idea of what's ahead in the fall.

There is only one item due from your student on August 9th, the 1st day of school: a list of three (3) potential science fair research questions (more information can be found on page 2).

Please mark your calendars for a 7th Grade Parent Science Fair Meeting on Wednesday, August 28th, at 5:30 p.m. Past science fair projects will be on display as examples of what they look like when complete. Additional information will be provided.

Finally, your student will need the following items for their science fair project:

- a white 3-ring binder for all the documents required (example, hypothesis, purpose, research paper, etc.)
- a composition book (so that s/he can record the scientific method, thoughts, dates, measurements, and results); and
- a 48" X 72" backboard.

If you have any questions, please call the school at #850-222-0444.

Thank you!

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DIRECTIONS: Complete all required sections (numbered I – XI) in Word documents with heading and save for future edits and printing requests. Students will place ALL Word documents in their 3-ring white notebook.

You MUST have the following information typed at the top of your papers:

First and Last Name	Grade – Period Number	Date
Science Fair	Title of Assignment (i.e. Hypothesis)	

Your FINAL Science Fair Project will be DUE Friday, November 15th
****backboards, notebooks, log books***

I. Topic/Research Question: DUE the first day of school – Friday, August 9th – 10 points.

On a piece of paper list three (3) potential science research questions and the science teacher will narrow it down to one (1).

1. What do you want to investigate? What question do you want to answer?
2. Websites you can visit to identify potential projects include:
 - i. Science Buddies, <https://www.sciencebuddies.org/>
 - ii. Student Science: a resource of the society for science and the public, <https://student.societyforscience.org/science-project-resources?mode=blog&context=4472>

Examples of Science Fair research questions from last year's 7th graders:

- *Is banana compost a better alternative to chemical fertilizer for growing tomato plants?*
- *Which solvent system will work best with sugar to grow sugar crystals?*
- *Which leaf shapes travel farthest when falling from a certain distance?*
- *What type of fabric retains the most heat?*
- *Which battery will last the longest?*
- *Which paper towel absorbs the most water?*
- *What's the fastest way to cool a soda?*
- *Do different milk bases affect how ice creams melt?*

What makes a good science research topic?

- Is the topic realistic?
- Is it something the student can do?
- Is the topic interesting to the student enough to sustain the project from start to finish?
- Can the student investigate the topic by experimenting and collecting data?
- Is there enough time for the student to complete the experiment?

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Monday, August 12th – Friday, August 23rd: The science teacher will meet with each student to discuss and approve their science fair project.

PARENTS: Wednesday, August 28th, at 5:30 p.m.: 7th grade Parent Science Fair Meeting (followed by the Middle School Back-to-School Parent Night at 6:30 p.m.).

II. **Hypothesis**: DUE Friday, August 30th - 25 points (counts as a quiz grade)

Type the required heading at the top of the paper. Add title, “Hypothesis”. Type in your hypothesis. This will be on a separate piece of paper.

“A **hypothesis** is a tentative, testable answer to a scientific question. Once a scientist has a scientific question she is interested in, the scientist reads up to find out what is already known on the topic. Then she uses that information to form a tentative answer to her scientific question.” (www.sciencebuddies.org)

III. **Purpose**: DUE Friday, August 30TH - 25 points (counts as a quiz grade)

Type the required heading at the top of the paper. Add title, “Purpose”. Type in your purpose. This will be on a separate piece of paper.

Why are you conducting this research? Why is your project important scientifically? Describe.

IV. **Research Plan**: Double-spaced

- **DRAFT (sloppy copy) due Wednesday, September 4th – 25 points (counts as a quiz grade)**
- **FINAL research plan is due Friday, September 27th – 25 points (counts as a quiz grade)**

Capital Regional Science & Engineering Fair Rules state the following:

“The **Research Plan** may be written in **PRESENT OR FUTURE TENSE** and must be completed **BEFORE experimentation begins**. It describes the purpose of the project or experiment – including its hypothesis, materials/tools used, and procedures (including all safety precautions). The Research Plan **MUST** state a problem or engineering goal, hypothesis, materials, procedures, method of data analysis, and a complete list of references in standard bibliographic form using American Psychological Association of Style (www.apastyle.org). The bibliography must include 7 sources: at least five unique

PROPOSED 2019 SCIENCE FAIR DEADLINES

references, the International Science & Engineering Fair rules book, and the Capital Regional Science & Engineering Fair rules book.” **Wiki sites are NOT credible sources!**

1. Research Question
 2. Hypothesis
 3. Purpose
 4. Materials/tools used
 5. Detailed procedures: step-by-step instructions on how you’re conducting your experiments.
 6. All safety precautions explained
 7. All disposal methods explained (if appropriate)
 8. Methods of data analysis (NOT actual data)
 9. Goals: what is the potential impact to the scientific community?
 10. Potential risk: describe potential danger to the student or the community doing this experimentation.
 11. Bibliography (www.apastyle.org): 5 unique sources + these two sources (copy and paste into your bibliography, correct as of 12/2018):
 - i. International Science and Engineering Fair. (n.d.) Rules for All Projects. Retrieved from <https://student.societyforscience.org/rules-all-projects>.
 - ii. Capital Regional Science & Engineering Fair. (2018-19). Science Fair Handbook for Students, Teachers, Parents, and Coordinators.
- V. **Procedures: Due Wednesday, September 11th – 25 points (counts as a quiz grade)**
Step-by-step instructions on how you will conduct your experiment. Another person should be able to read your instructions and exactly replicate your project.
- VI. **Variables: Due Wednesday, September 18th – 25 points (counts as a quiz grade)**
Type the information for the independent variable, the dependent variable, and the extraneous variable on separate sheets of paper.
1. Independent Variable: the variable that can be changed during an experiment to study the effect on the dependent variables.
 2. Dependent Variable: the results
 3. Extraneous Variable: any variables that you are not intentionally studying in your experiment or test.
 4. Control Variable: The control variable (or scientific constant) in scientific experimentation is the experimental element which is constant and unchanged throughout the course of the investigation.

PROPOSED 2019 SCIENCE FAIR DEADLINES

VII. **Do the project and record your results in a log book: September – November:**

The log book is used to record data, results, thoughts and questions the student has during the science fair project. This is an important reference tool when the student writes the research paper.

Students must log and date each entry in the log book (i.e. a composition book) **IN PEN** to explain your process.

STUDENTS: BRING YOUR SCIENCE FAIR LOG BOOK TO CLASS EVERY WEDNESDAY IN OCTOBER TO DISCUSS YOUR PROJECT

- The science teacher will review every log book and give 5 points or a 0:
 - 5 points: have book, student can demonstrate new updates, pictures, and information added to the log book.
 - 0: do not have log book or have no new entries.

Capital Regional Science & Engineering Fair Rules state the following:

“A log book is a handwritten daily account of research and experimentation. It should document all important dates, topic approval, research plan submission, committee review (if applicable), start date, data, and all other notes or events that are connected to the project. The log book should NOT be kept digitally and should NOT be written in pencil.”

In addition:

- Take pictures of your experiment throughout the project which you can add to the log book and will place on your backboard. All images must have proper credit (i.e., who took the picture?). Do NOT include any faces in your pictures.
- Create charts and graphs to record your findings. Label each axis appropriately. Add citations (i.e., “I used Microsoft Excel to make this graph.”). You will add these to your backboards.

Results: What answer did you obtain? Be specific and use numbers to describe your results. Do not use vague terms like "most" or "some." The conclusion to your experimentation should address how the results related to the hypothesis, what the results show, and can improvements to the project be done (and if so, what improvements and why).

PROPOSED 2019 SCIENCE FAIR DEADLINES

VIII. **Research Paper:** Double-spaced

- **DRAFT research paper due Monday, October 21st – 25 points (counts as a quiz grade)**
- **FINAL research paper due Friday, November 15th (counts as a test grade)**

Capital Regional Science & Engineering Fair Rules state the following:

“The writing of the **RESEARCH PAPER** should begin before experimentation and be completed after all experimentation has concluded. It should include background information, previous research (either by the student or others), and a comprehensive analysis and conclusion. A research paper helps organize data as well as thoughts. A good paper includes the following sections:

1. Title page
2. Table of Contents
3. Introduction
4. Materials and Methods (actual methods used during experimentation)
5. Results (should contain no analysis of the data, merely data and methods)
6. Discussion
7. Conclusions (final thought based on the researchers’ information at hand and experimental outcomes)
8. Bibliography (www.apastyle.org)”

IX. **Abstract:** Due Friday, November 15th – 25 points (counts as a quiz grade)

After finishing research and experimentation, you are required to write a (maximum) 250-word abstract. This should be written on the Official Abstract and Certification on the SSEF Abstract Form (website link and additional directions provided later).

The abstract will explain the problem investigated and the hypothesis, the procedures followed during the research project, the summary of the data collected, and the conclusions based on the data collected.

PROPOSED 2019 SCIENCE FAIR DEADLINES

X. **Build your backboard: Graded during presentation**

Backboards can be found at Wal-Mart, Michael's, and office supply stores. The maximum size of your vertical backboard is 48" x 72".

1. Not allowed: tacks, staples, and pictures with student faces.
2. Write your name on the back of the board.
3. Information on where to place all the information on the backboard will be provided.

#1 Recommendation: Do NOT wait until the night before to put your science fair board together!

ALL STUDENTS WILL PRESENT THEIR SCIENCE FAIR PROJECTS TO THE CLASS: students will schedule their time/date with the science teacher.

XI. **Put White Notebooks Together Day: Thursday, November 14th during science class**

Each student will organize their white 3-ring binder during class in a scheduled "Put It All Together" Day. Documents will include a cover page and all the work completed above in word documents, each heading on a separate piece of paper and in plastic page covers:

Students need to bring to school their latest version of the following documents (already hole-punched so it can go directly into their white 3-ring binders which they should also bring to class):

- a. Cover page
- b. Table of Contents (NEW – can only be done at the end so you know the page #s)
- c. Abstract: one copy for the display board, five copies for the judges
- d. Question
- e. Hypothesis
- f. Purpose
- g. Research Plan
- h. Charts and Pictures
- i. Results
- j. Conclusion
- k. Research Paper

PROPOSED 2019 SCIENCE FAIR DEADLINES

Trinity Catholic School Science Fair

Students will bring their completed backboards, white 3-ring notebooks, and their log books to school on Thursday, December 5th, the day of Trinity Catholic School's Science Fair.

Scientists from Florida State University, Florida A&M University, FSU's Mag Lab, state agencies, etc. are invited to our school to judge the science fair projects.

Thursday, December 5, 2019

Set-up in the Parish Hall: 7:15 – 7:45 a.m.

Judging: 8:00 a.m. – 10:30 a.m.

Winners announced: 3:00 p.m.

Friday, December 6, 2019

TCS students visit the Parish Hall to see the science fair projects
7th graders take home their science fair projects at the end of school.

Capital Regional Science & Engineering Fair

TCS winners will attend

To Be Determined
(late January/early February 2020)
Donald L. Tucker Civic Center