

2021-2022 7th Grade Summer Reading

Dear Students,

It is with great joy and excitement that I would like to welcome you to 7th grade English Language Arts. I am looking forward to teaching you in the fall; I know we're going to have a fantastic year!

While summer is an amazing time for camps, vacations, and relaxation, it is also a great time to curl up with a good book! As you know, good readers and writers read and write DAILY. Recent brain research shows us that practice is necessary in order to master strategies that are critical to the success of the reading and writing process. The more you read, the more proficient you become at reading and writing!

This summer, you will read TWO engaging and modern novels: *The Science of Breakable Things* by Tae Keller, and the *Hero's Guidebook*. Both of these texts are full of heart and laughs. They'll keep you wanting to turn the page all summer! Books may be purchased on Amazon.com, at our local Barnes and Noble, or through Kindle (be sure that you are able to annotate the copy that you choose).

Purchase this Hero's Guidebook:

https://www.amazon.com/Heros-Guidebook-Creating-Your-Journey-ebook/dp/B083F679HD/ref=sr_1_1?dchild=1&keywords=hero%27s+guidebook&qid=1619636631&sr=8-1

For your summer reading novels, you'll complete a carefully designed activity/project. On the page below, you'll find a list of detailed directions. **Read it carefully** to make sure you've completed all pieces and parts of the assignment. Both of these assignments will be a **significant** part of your grade for T1 and **NOT** something you can throw together last minute. While the novels chosen for you are not long, it is important you pace yourself throughout the summer so you finish your assignment in a timely manner. **DO NOT** just give surface-level information. These assignments should demonstrate your critical thinking skills and show an in-depth analysis of the novels.

If you have any questions and/or concerns regarding summer reading, please don't hesitate to contact me via e-mail at oboyer@hancockdayschool.org. I am happy to assist in any way possible! I will also be available via Zoom by appointment only. Please give me at least 24 hours to respond to your email before using the Zoom link. The Zoom link and password will be on our 7th ELA Google Classroom at the start of the summer.

I hope you and your family have a beautiful summer, and I cannot wait to see you in August!

Sincerely,

Mrs. Boyer

7th ELA GC Code: 4emtarb 7th Science GC Code: 4ioytya

Summer Reading Check-List

(Please check off each box as you complete the assignment)

- Read *The Science of Breakable Things* by Take Keller
- Egg Drop Assignment
 - Video
 - Lab Report
- “Gravity” One Page Response
- Read Hero’s Guidebook
 - Complete Hero’s Guidebook Scavenger Hunt

****All assignments are due the first day of class.****

THE SCIENCE OF BREAKABLE THINGS BY TAE KELLER

To-Do List:

(Please check off each assignment as it's completed)

- Egg Drop (CW Grade in Science)**
 - Video**
 - 30 seconds - 1:30 minute of your egg drop**
 - Submit to both the 7th Grade Science Google Classroom AND the 7th Grade ELA Google Classroom**
 - Make it your own! Be creative! Wow us!**
 - Lab Report (Project Grade in Science and English)**
 - Complete in blue or black ink OR type (you will have your own copy of the summer reading packet in Boyer's 7th ELA GC).**
 - Must be turned into Boyer on the first day of class.**
 - “The Gravity of the Situation” Written Response (CW Grade) This will be a writing sample for me to see who you are as a writer coming into 7th grade. Do your very best.**

THE SCIENCE OF BREAKABLE THINGS BY TAE KELLER

LAB REPORT RUBRIC:

Egg Drop Container	Egg survived with no cracks (cracks, but still intact is a subtraction of 2 points automatically)	_____/10
Purpose/Hypothesis/Materials	<input type="checkbox"/> Student has exceptionally explained the purpose and their hypothesis. <input type="checkbox"/> All materials and setup are accurately described.	_____/15
Procedures/Sketches/Picture	<input type="checkbox"/> Procedures are listed in clear steps. <input type="checkbox"/> Each step is numbered and in a complete sentence. (A separate sheet of paper is utilized if necessary.)	_____/15
Data Collection (before, during & after)	<input type="checkbox"/> Professional looking and accurate representation of the data in tables. <input type="checkbox"/> All Calculations are shown and labeled.	_____/30
Conclusion	Conclusion contains all three *must haves* and is in complete sentences.	_____/20
Format	<input type="checkbox"/> Complete sentences are used when appropriate. <input type="checkbox"/> Paragraph form (6-9 sentences) is used when appropriate. <input type="checkbox"/> Student has clearly paid attention to grammar and mechanics.	_____/10

	<input type="checkbox"/> Student has used their best handwriting/typed the information. <input type="checkbox"/> Lab Report is clean, organized and professional looking.	
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VIDEO RUBRIC:

30 seconds-1:30 minute/time limit	_____/10
Presenter is engaging, introduces themselves and their egg drop contraption	_____/ 20
Camera angle is appropriate to purposefully capture the amazing egg drop moment	_____/20

THE SCIENCE OF BREAKABLE THINGS BY TAE KELLER

PART I: THE “GRAVITY” OF THE SITUATION

OBJECTIVE: STUDENTS WILL PERFORM THEIR OWN EGG-DROP EXPERIMENT, VIDEO THEIR EXPERIMENT, AND WRITE A ONE-PAGE RESPONSE TO THE PROMPT BELOW.

GOAL:
Design and build a container that will protect delicate cargo (an egg) under stressful landing and accident conditions.

PURPOSE:
Based on the fragility of an egg, what materials and design concepts need to be considered to protect an egg from over ten feet?

PREPARATION:

- Collect possible materials
- Construct a container to protect the egg from a fall of over ten feet

REQUIRED MATERIALS:

- Egg
- Measuring tape (accurate manner of measuring the distance of the drop)
- Container to protect egg

CONSTRUCTION:

- It can be constructed of any material that the individual feels appropriate and can obtain, including mastering recycled from other products.
- The egg must be put into the design during the drop. The design must allow for easy opening and inspection of the egg.
- Be prepared to clean up any/all mess if/when necessary.

SUGGESTED MATERIALS:

Paper	Straws	Glue
Tape	Plastic wrap	Feathers
Cardboard	Marshmallows	Bubble wrap
Rubber bands	Cotton balls	
String	Toothpicks	

QUESTIONS TO THINK ABOUT:

- Should your container be rigid; or is it better for it to collapse?
- Should the egg be able to move, or should it be held immobile?
- What types of materials or structures will absorb the shock of an impact?
- How can it be designed to withstand drops from greater heights?
- What types of materials will contain the egg if it breaks?

SUPER AWESOME EGG DROP LAB REPORT

PURPOSE:

HYPOTHESIS:

MATERIALS:

List the materials needed to build your structure (**bullet points**). Be sure to include the quantity as well.

SAFETY PRECAUTIONS:

List out any and all safety precautions that you will need to take/have taken during the experiment.

PROCEDURE:

Describe the steps used to build the structure and perform your test runs. List them in order. (attach a separate sheet if needed.)

(Include the video of the Egg Drop; it should be 30 seconds to 1 minute.)

SKETCH OF PROTOTYPE:

ACTUAL PICTURE OF FINISHED PRODUCT:

DATA COLLECTION:

BEFORE DROP:	
Length of device	
Width	
Height	
Mass	
Distance that the object will fall	

COMPLETE THE DURING/AFTER THE DROP.

DURING DROP:	FINAL DROP:
Time of descent:	
Describe how it fell	
Sound of impact	
What occurred upon impact?	

AFTER DROP:	FINAL DROP:
Describe the condition of the device:	
Describe the condition of the egg.	
What was the average speed of your container as it fell? Speed is the rate at which an object's position changes, measured in meters per second. The equation for speed is simple: distance divided by time. You take the distance traveled (for example 3 meters), and divide it by the time (three seconds) to get the speed (one meter per second).	

THE SCIENCE OF UNBREAKABLE THINGS BY TAE KELLER

THE “GRAVITY” OF THE SITUATION

WRITTEN RESPONSE:

After completing the LITERAL Gravity experiment, let’s dive deeper into the figurative element of ‘gravity’. In ONE full page, typed in MLA format (listed below), explain the ‘gravity’ of the situation regarding Natalie’s mother’s depression.

QUESTIONS TO HELP AID YOUR DISCUSSION:

- How does her mother’s depression affect the other characters around her?
- Why does Natalie not want to talk about it? How/why does it affect all aspects of Natalie’s life?
- How does it connect to the metaphor of plants?

RUBRIC:

_____/10 One Full Page Typed and Printed in MLA format.

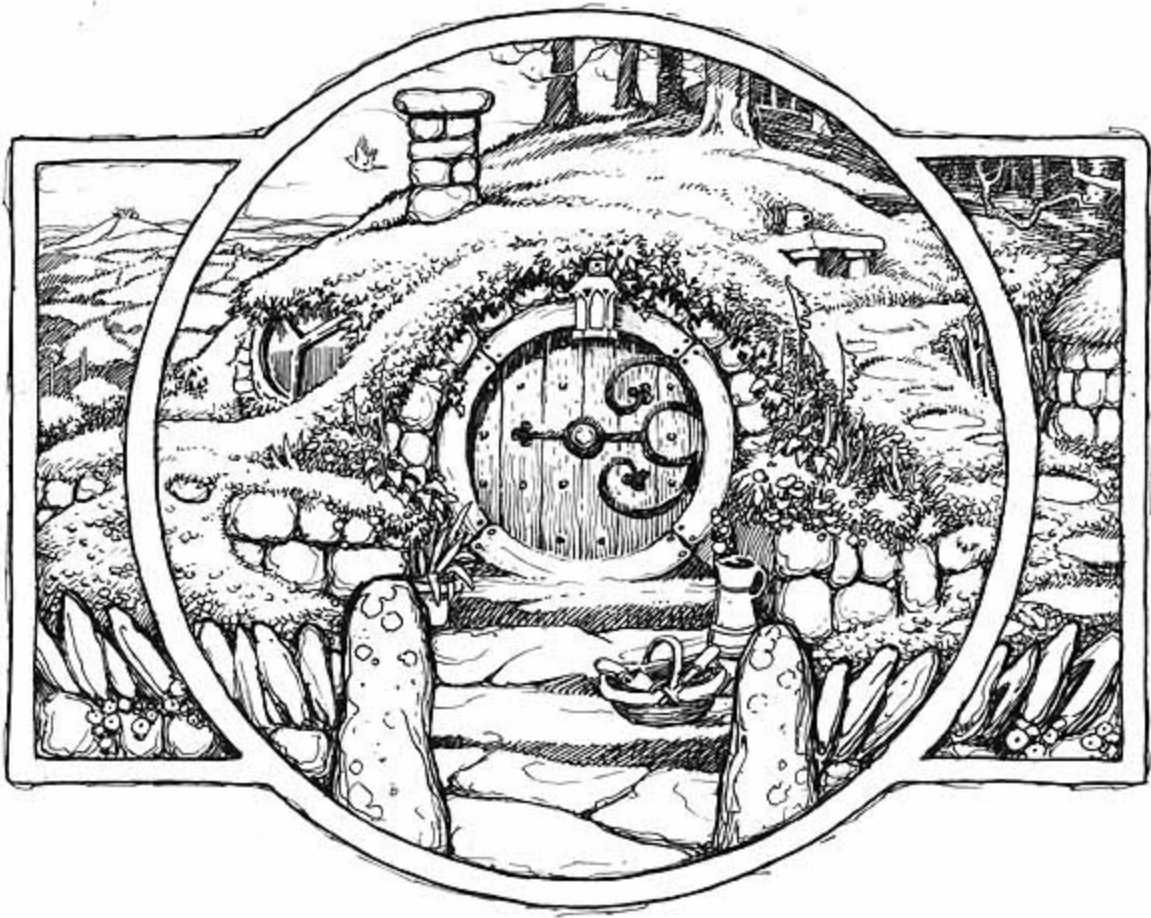
MLA Format: Times New Roman, 12 pt font, double spaced, page numbers in top right, name, date, class, teacher, and a centered title

_____/20 Student must connect the prompt to at least two different events/connections/ideas from their own thinking/critical analysis of the novel.

_____/15 Discusses the **figurative** element of ‘gravity’ throughout the response. Connects it to all points within your discussion.

_____/5 Grammar, Mechanics, Sentence Structure, etc. are to the 7th grade standards.

The Hobbit by J.R.R. Tolkien



To-Do List:

- Read Hero's Guidebook
- Complete Scavenger Hunt (CW Grade)

Hero's Guidebook Scavenger Hunt

This is literally word for word followed by ideas within *The Hero's Journey Guidebook*. Every answer should be interpreted from the text or written word for word.

Define the word 'Hero'.

1. What are the qualities of a hero?
 - a. What does LOTR say about heroes?
2. What is the Hero Code?
3. What is one of the oldest Hero stories?
4. Name and describe the types of Heroes.
5. Describe the Ordinary World and give **three** examples.
6. Who is the Call to Adventure delivered by?

7. When the hero thinks that the risk is too great and weighs the odds of the journey...this is called what?
8. Where does the word 'Mentor' come from? Be specific.
9. Who is usually the mentor? Give at least five examples.
10. _____ advice is worthless. Why should the hero listen to their mentor?
11. What is a dark mentor?
12. A mentor should be _____ than you, not just older.
13. An item to collect, that can help a hero on their journey is called a _____. List three examples.
14. Heroes always strive to do the right thing even when no one is watching. They follow their Hero Code. They always strive to use their powers for good and not let power corrupt them. The _____ of having too much _____ were why many ancient hero stories had _____.
If you _____ your power, you become your _____.
15. A hero must remain _____ and not allow power to corrupt them.

16. The first obstacle when Entering into the Unknown is the

_____.

17. The main evil in the story is called _____. This is a good metaphor for this type of character

because _____

_____.

18. Discuss the idea of the backstory.

_____.

19. Can the shadow have a twist in the end? Discuss.

20. Heroes face obstacles on the _____.

21. Allies can be _____,

_____, _____,

_____, or a

_____.

22. Grotesque enemies are called _____.

23. The Supreme Ordeal is

_____.

24. The hero never fights _____ with _____. Any

heroes that use this to overcome the shadow will become a shadow themselves.

25. The true tools of the hero are _____

and _____. As Abraham Lincoln said,

“

_____.”

26. At the end of the story, the character experiences _____, and

claims the _____ or _____ the

_____.

27. Why is the ending bittersweet for the heroes?

Summer Reading SUGGESTED Calendar

This is a list of dates to help keep you on track with your summer reading and assignments. You are welcome to read at your pace and complete your assignments around your summer plans/vacations/camps. Again, this is just a SUGGESTION to help you complete your reading and assignments on time.

I will be available via Google Classroom, e-mail, and/or Zoom all summer. Please give me 24 hours to respond to all messages. If you have questions or just want to chat about the books, reach out! I'm here to help you along the way!

May 28th-June 14th (2 weeks) : TAKE A BREAK!!!!

June 14th- July 2nd: (3 Weeks): Read *The Science of Breakable Things* by Tae Keller

July 5th-July 9th (1 Week): Work on your Egg Drop Design/Lab Report

July 12th-July 16th (1 Week): Film Egg Drop Video/Finish Lab Report/One Page 'Gravity' Response

July 19th-July 30th (2 Weeks): TAKE A BREAK!!!!

August 2nd-6th (1 Week): Read Hero's Guidebook and Complete Scavenger Hunt.

Aug 9th-13th (1 Week): TAKE A BREAK BEFORE SCHOOL STARTS!

****I will NOT be available from AUGUST 14TH-16TH. Be sure to email me BEFORE these dates if you have questions or need help.****

Optional!!!!!!

We will be starting *The Hobbit* as soon as we come back to school in August; this is a challenging novel. If you would like to begin reading Chapters 1-5 over the summer and complete the Reading Comprehension Questions, you may do so to prepare yourself.

****I am available for Summer Tutorial by appointment only.****

