

Insert Your Name Here

**China Grove Middle School
7th Grade ELA
Literary Design Challenge**



**DRUMS,
GIRLS, &
DANGEROUS
PIE**

Using This Journal

Use this journal to complete your design thinking process through text, images, or video on your learning experiences based on the book Drums, Girls, and Dangerous Pie. by Jordan Sonnenblick.

Setting the Stage: Identify the Main Character.

In this step, you will describe what you have learned about Steven. Imagine that your friend asked you to describe Steven.

You can either write about Steven in the box to the right. Alternatively, you can also use video or audio. If you choose to use video/audio, limit your description to less than a minute and insert below.

**Insert Video / Audio Response
Below(Optional)**

**Describe Steven in the space below.
You can write out phrases, include
pictures, or draw images that describe
Steven.**

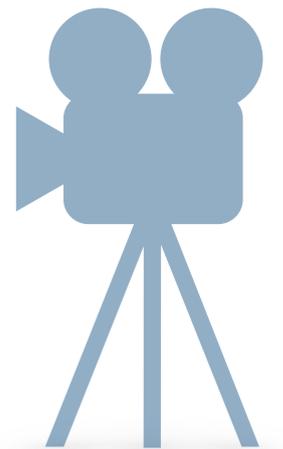
Stage 1: Empathize

Empathy Map

You will be provided with an empathy map to complete on paper with a partner. Complete the empathy map with your partner and fill in as much information as you can. Once you are finished, both your partner and you should take a picture of the empathy map and insert to the right.

Be sure that your empathy map includes information that you can verify based on the information that you read in the book.

Image of Empathy Map



Insights from Empathy Map

Insights from Empathy Map

Review your empathy map with your partner. What are some of the key things that you have learned about Steven? These are called insights. Think about needs that Steven may have. A need is something that Steven could use to make his life easier or better.

Key Insights:

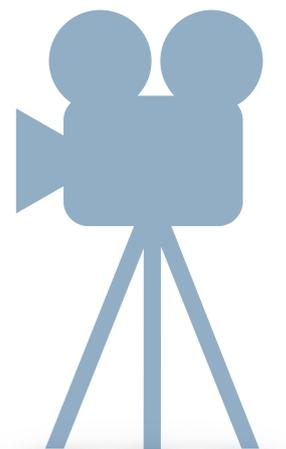
Include what you learned about Steven.

What needs did you identify?

What interests does your Steven have?

If you prefer, you can include a video reflection covering this information as well in the column to the right.

Video Reflection (Optional)



Identify the Need / Problem

Identify the Problem/Need

Based on your reading, empathy map, and insights, identify some possible needs (or problems to be solved) for Steven..

Possible Needs:

1)

2)

3)

4)

Include a video reflection where you explain how you came up with some of your possible needs for Steven.

Ideate

Ideate

Now it is time to come up with some possible ideas (ideate) to solve Steven's needs or problems. Brainstorm all possible ideas and list below. Don't worry about if it is a good or bad idea. Just list the ideas below. Be sure to explain how each solution addresses the needs of Steven.

Possible Solutions:

- 1)
- 2)
- 3)
- 4)

Include a video/audio reflection where you explain how you came up with some of your possible solutions during the Ideate stage.

Feedback for Steven's Product

Feedback from Original Partner

Share your possible solutions with your original partner from the empathy map. What feedback did your partner provide? How does that feedback impact your final decision about what solution to use to meet the needs of Steven? Explain below.

Prototype

Prototype

Describe your prototype. Include pictures. Describe your design process and challenges. Include any **changes** that your group had to make.

Include pictures showing the progress of your prototype below (at least three). Make sure that they show different stages along the way.

Feedback on Prototype

Share your prototype with someone other than your original partner. Be sure to get feedback from what needs to be improved. Ask what needs to be improved. List the feedback from this new partner. List name of person who gave feedback on your prototype:

Include a short video below where you discuss what you learned about improving your prototype.

Test

Test

In this phase, you will test your final prototype by sharing with your original partner.

Reflections

Did you meet Steven's need?

Consider the design process that you experienced including identifying Steven's needs. Share the reaction to your final product by your original partner. Describe what you learned about the design process as a result of completing this challenge.



Include a final picture of your product here.