

# Kurisupa

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*Kurisupa*



# Content:

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  3. Storyline and Characters
- Introduction
4. Reading
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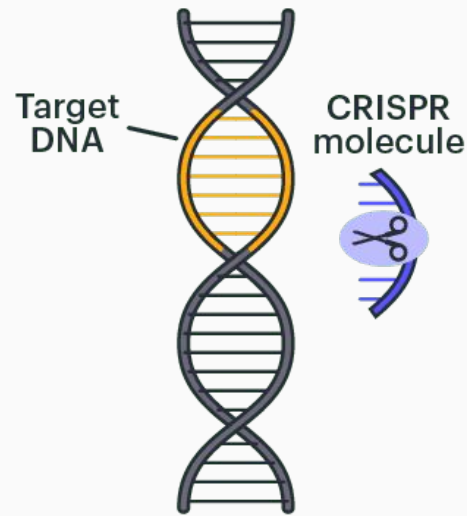


# The Topic:

1. What is CRISPR?
2. What did we address in this book about CRISPR
3. Why does CRISPR matter

# The Topic:

## 1. What is CRISPR?



- 1** **SEARCH**  
A CRISPR molecule finds a precise location in the target DNA.



- 2** **CUT**  
The CRISPR enzyme cuts the target DNA at the point found by the guide.

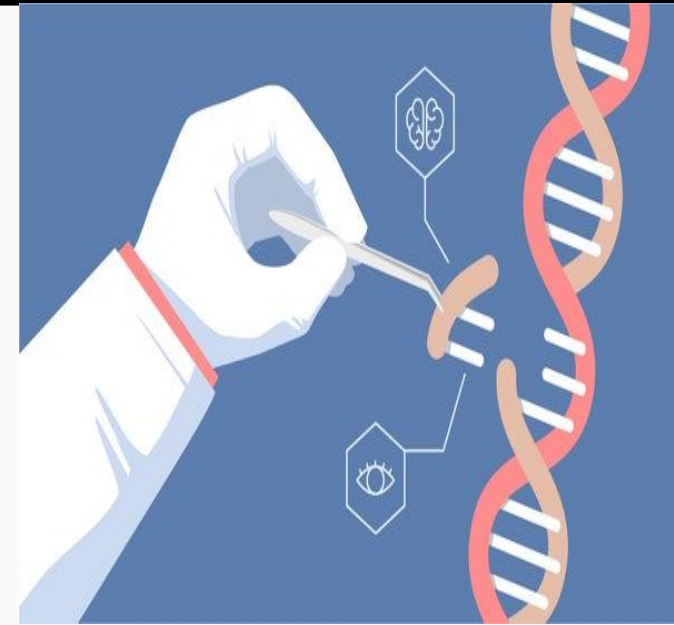


- 3** **EDIT**  
A new custom sequence can be added when the DNA is repaired.

# The Topic:

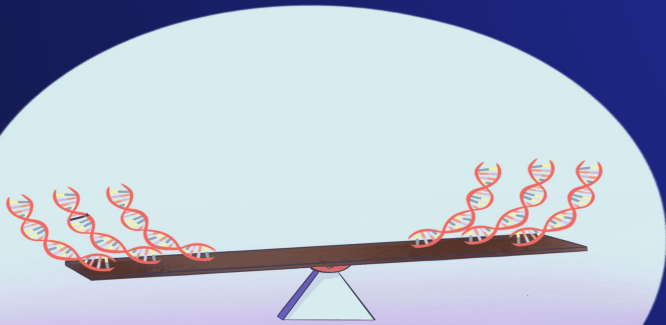
2. What did we address in this book about CRISPR?

- The Benefits
- The Cons
- Humanization of CRISPR



# The Topic:

## 3. Why does CRISPR matter?



- New technology that can be beneficial
- Has Issues however...
- There are ethics around the use of it

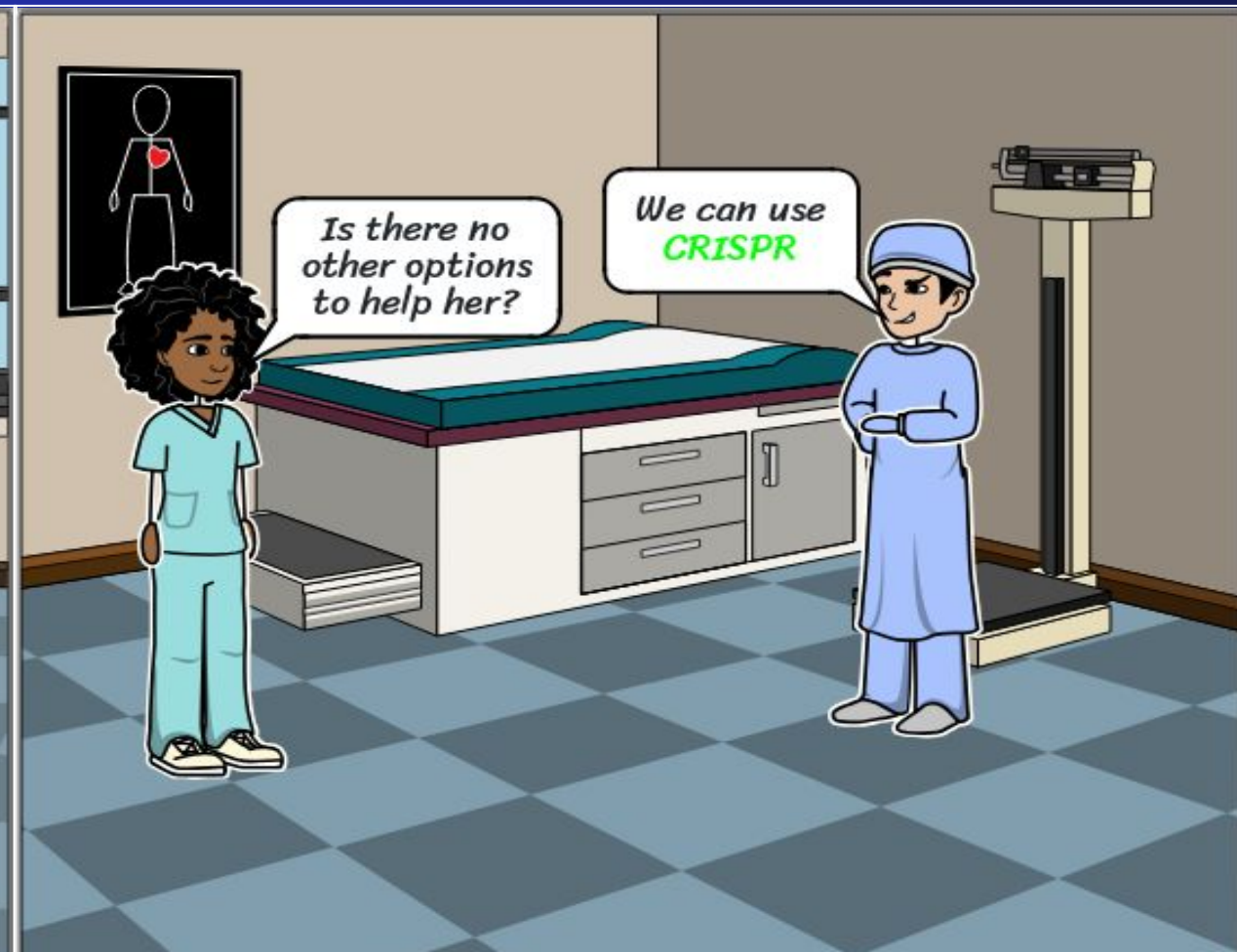
# The Project Process

- 1) We made a superhero plot.
- 2) We used storyboard to make our comic strips.
- 3) We fixed the mistakes.
- 4) We made the presentation.

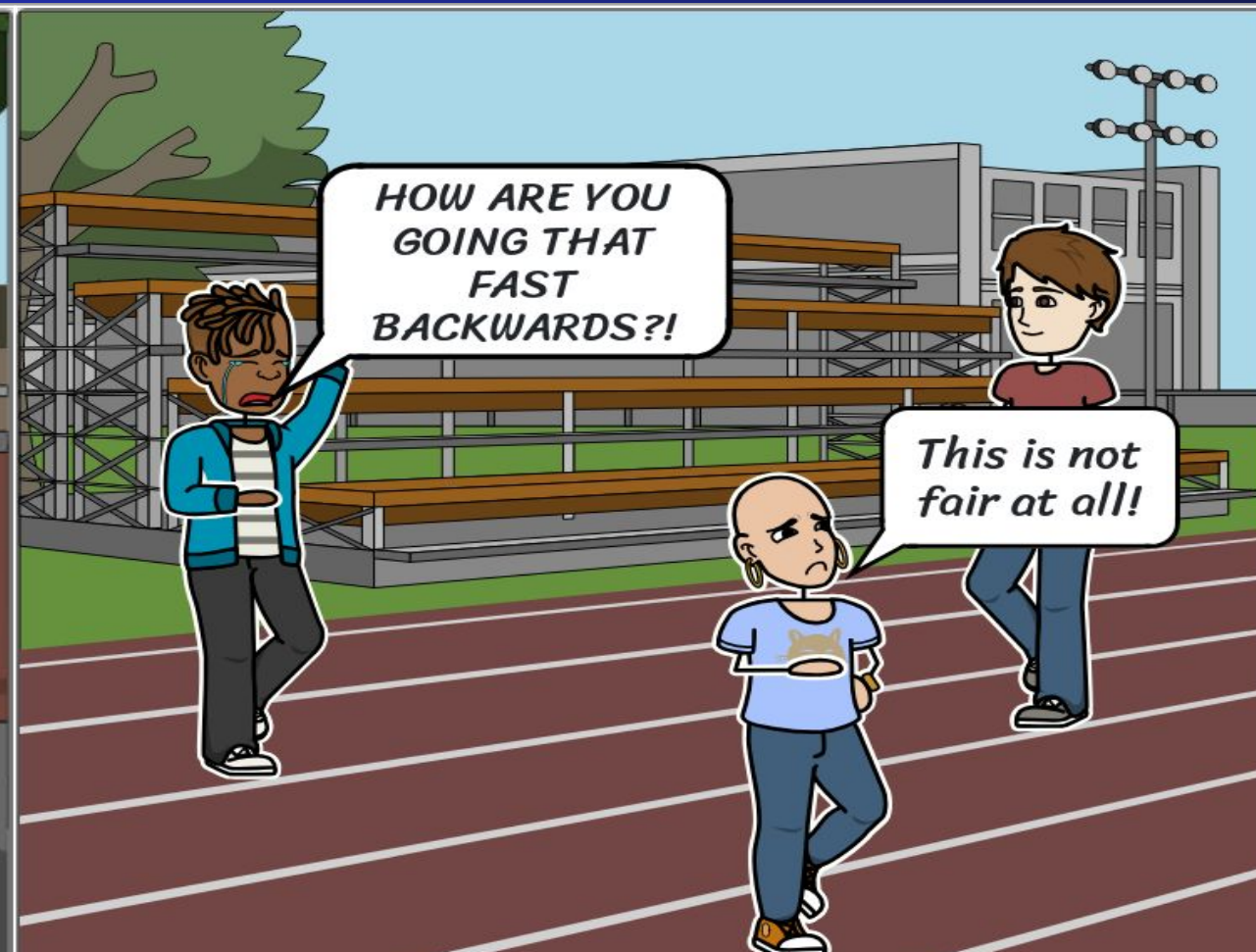


Storyline and main  
Characters:

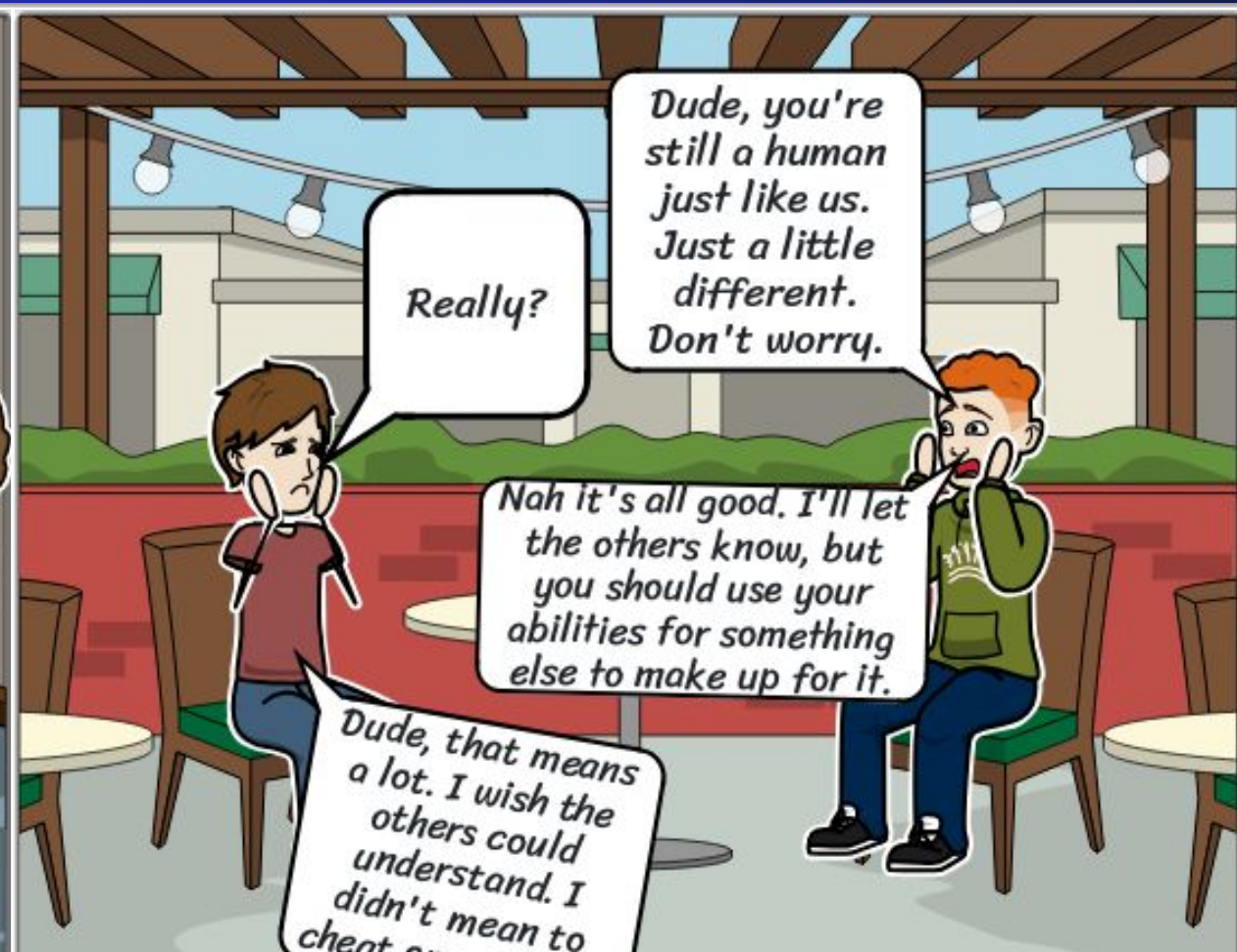
# The Storyline:



# The Storyline:



# The Storyline:



# Key Characters

Kurisupa:

- CRISPR

Baby

- Main

Character



# Key Characters

Brandon:

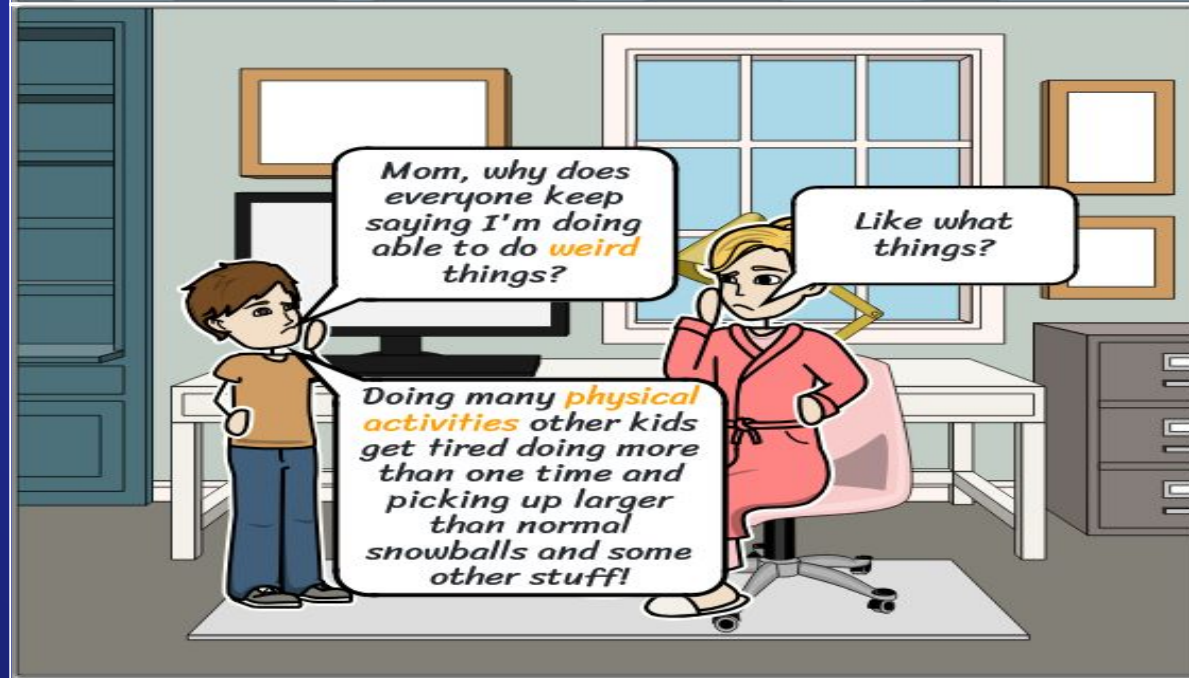
- Kurisupa's Childhood friend



# Key Characters

## Sakura (The Mother):

- Kurisupa's Mom

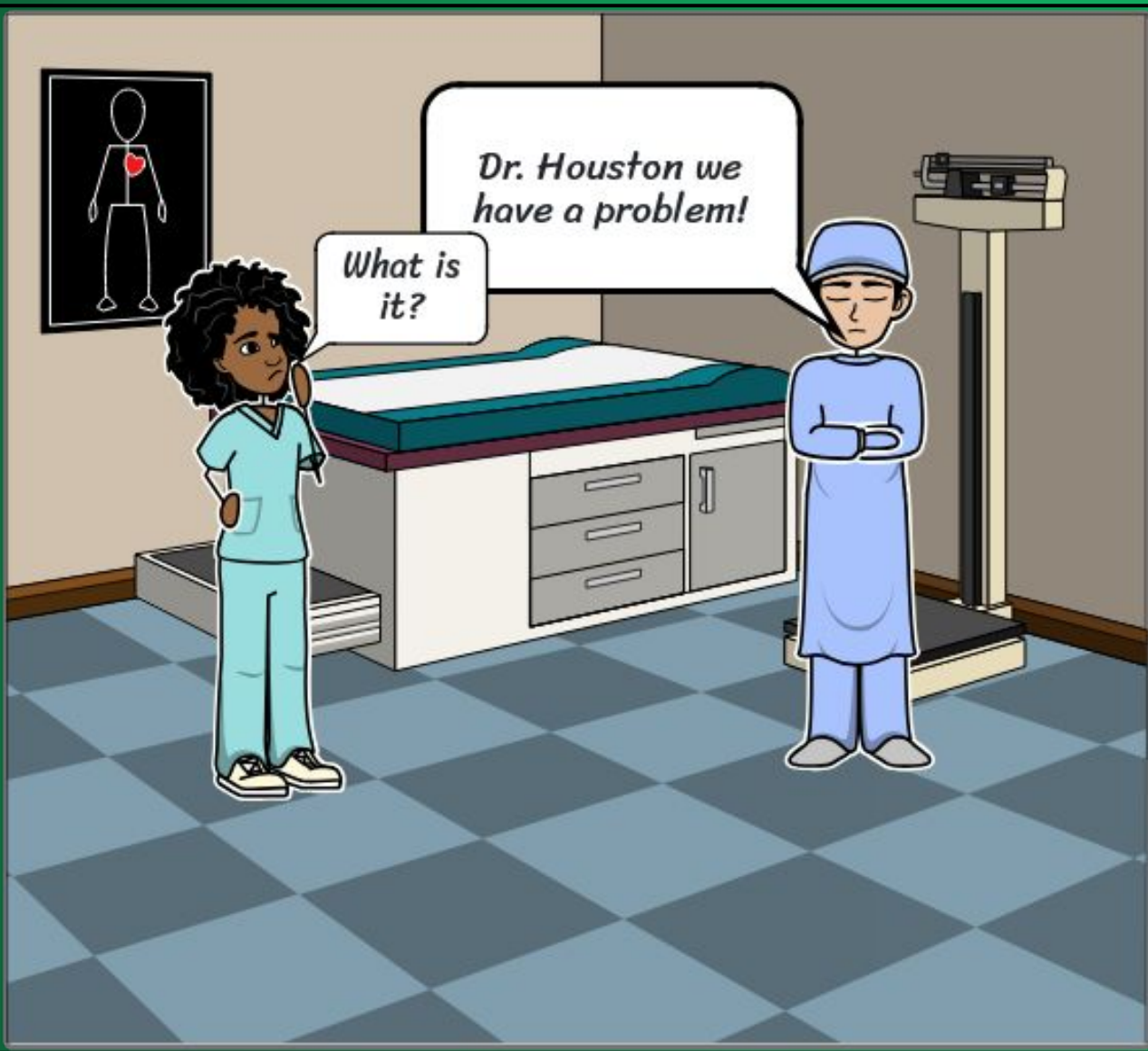


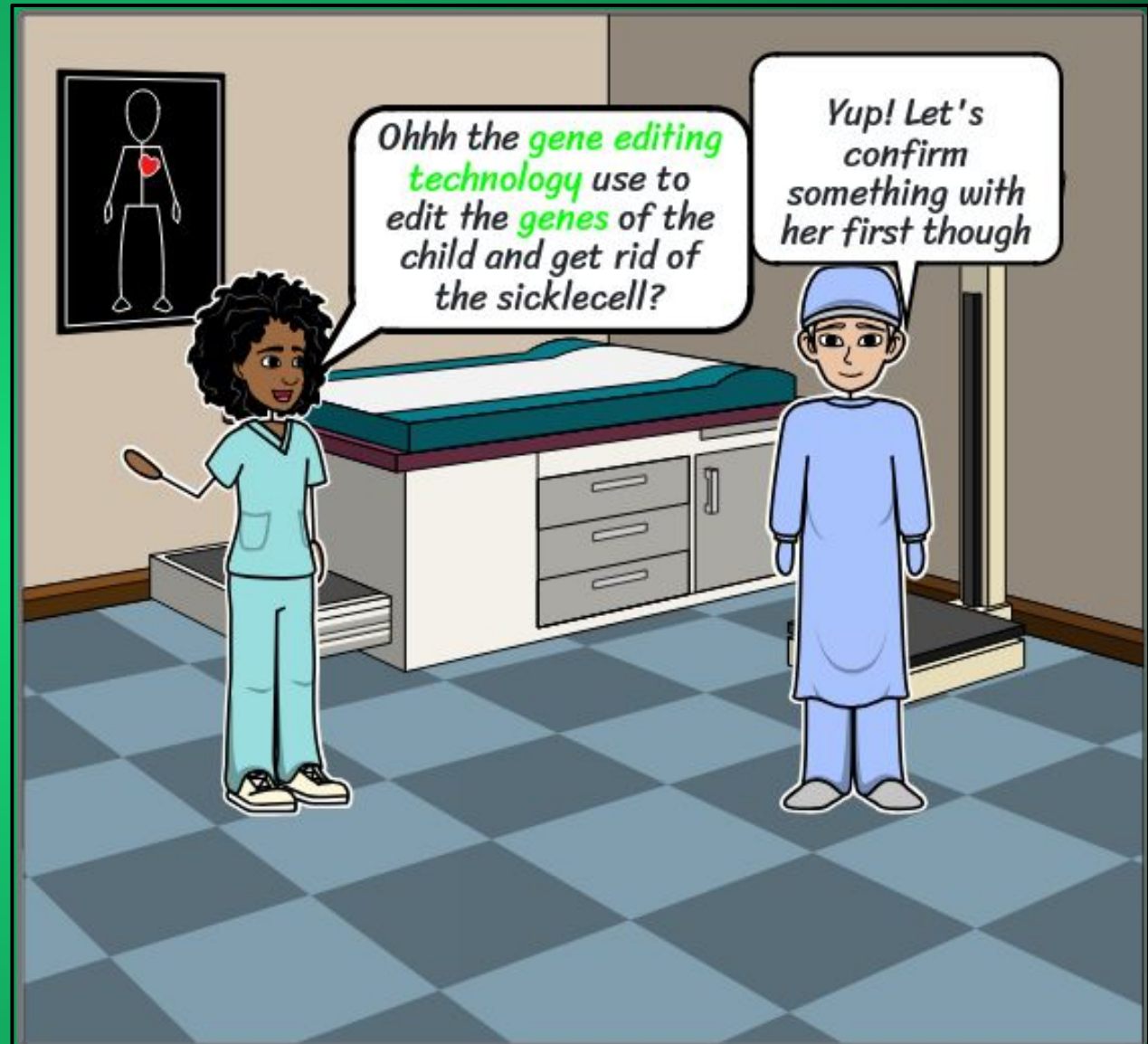
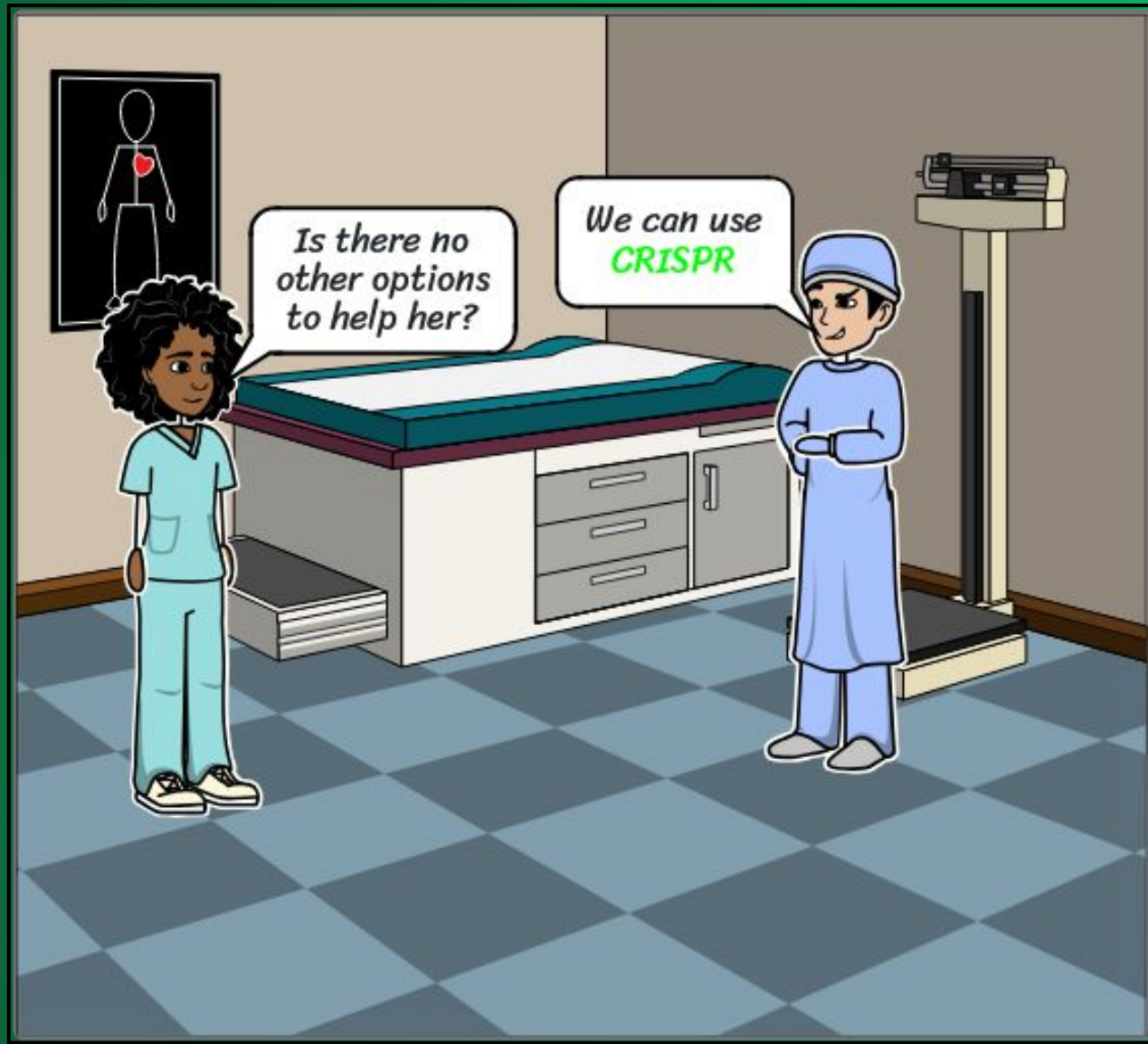
# Key Characters

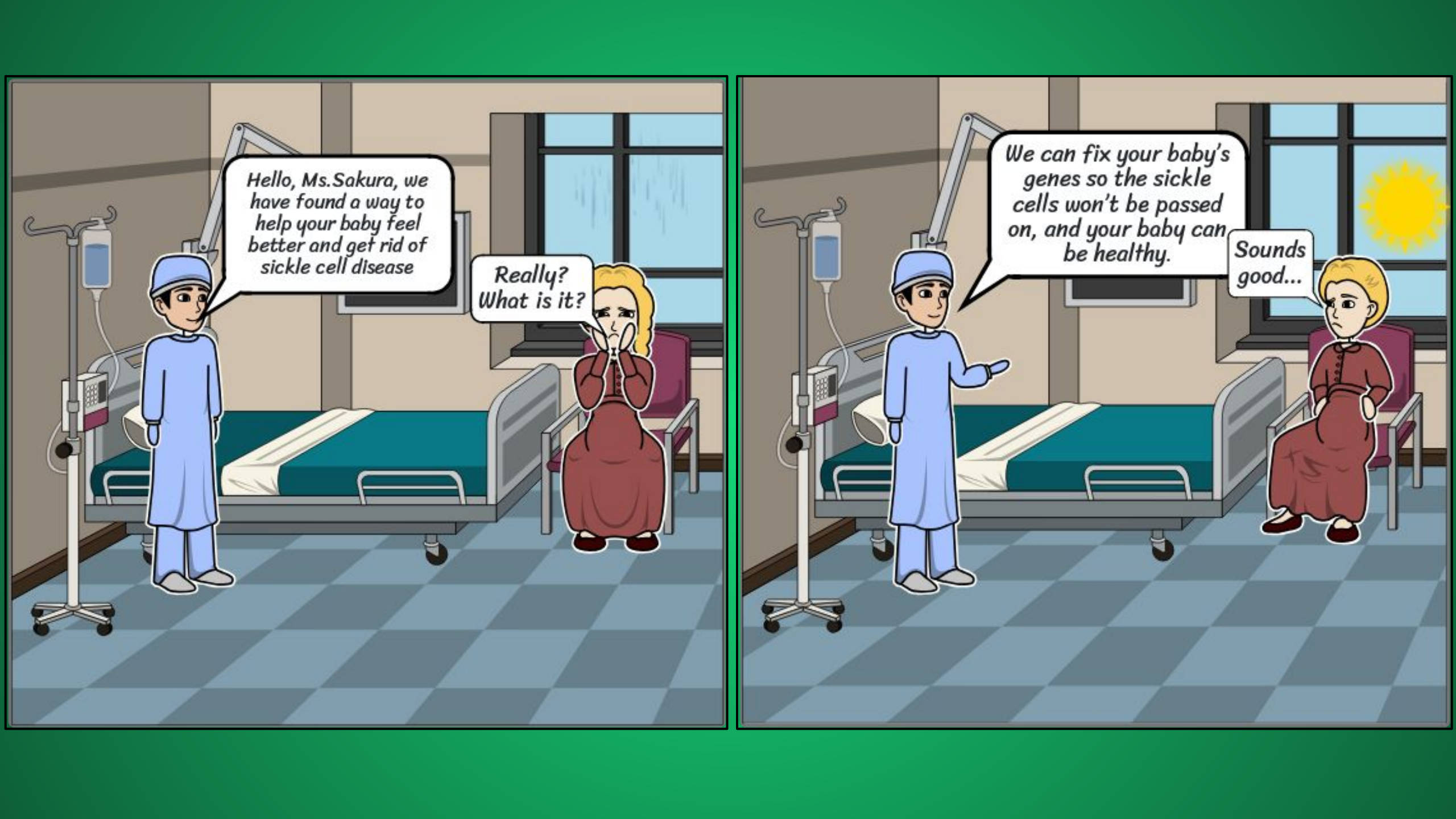
## The Doctors

- Diagnose Kurisupa
- Experts on CRISPR









Hello, Ms.Sakura, we have found a way to help your baby feel better and get rid of sickle cell disease

Really?  
What is it?

We can fix your baby's genes so the sickle cells won't be passed on, and your baby can be healthy.


Sounds good...





A cartoon illustration of a nursery at night. A baby is sleeping in a white crib. A mobile with a crescent moon and stars hangs above the crib. A window with orange curtains shows a dark night sky. A yellow chair is on the left. A yellow patterned rug covers the floor.

No matter how bad the weather was, the child almost **never** seemed to get sick!

A cartoon illustration of a playground. A boy with brown hair, wearing a blue and yellow shirt and blue shorts, is climbing a rock wall. Another boy with red hair, wearing a green shirt with a smiley face and blue pants, is standing nearby. A speech bubble from the red-haired boy is directed at the climbing boy.

Hey Kurisupa, isn't that like the 30th time you've climbed that and went down the slide? Don't you get **tired**?



HEY! YOU GUYS  
DOWN FOR  
ANOTHER  
ROUND?



Stop being a  
chicken!



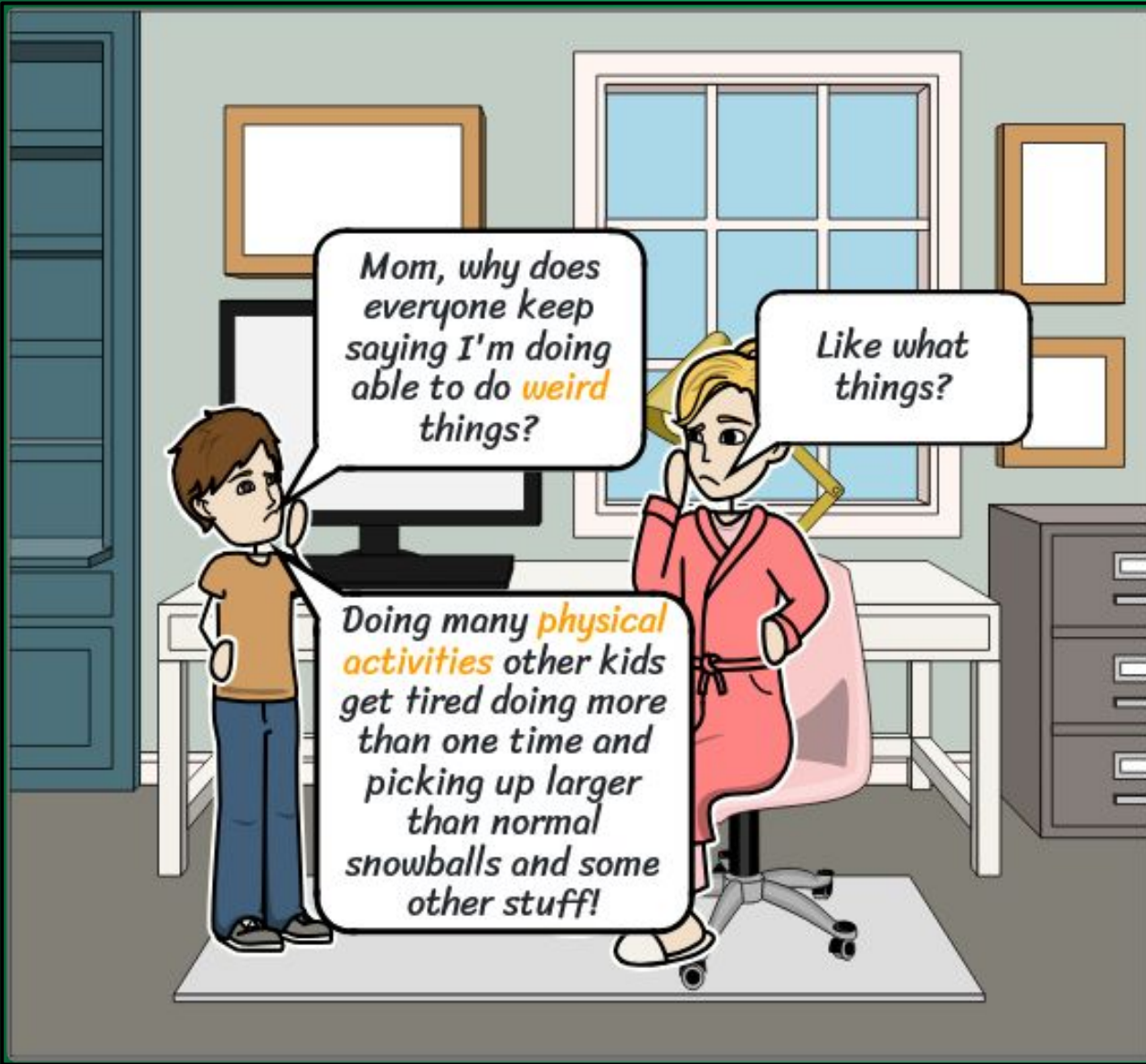
Dude, no way  
you're human. The  
size of that  
snowball was too  
large!



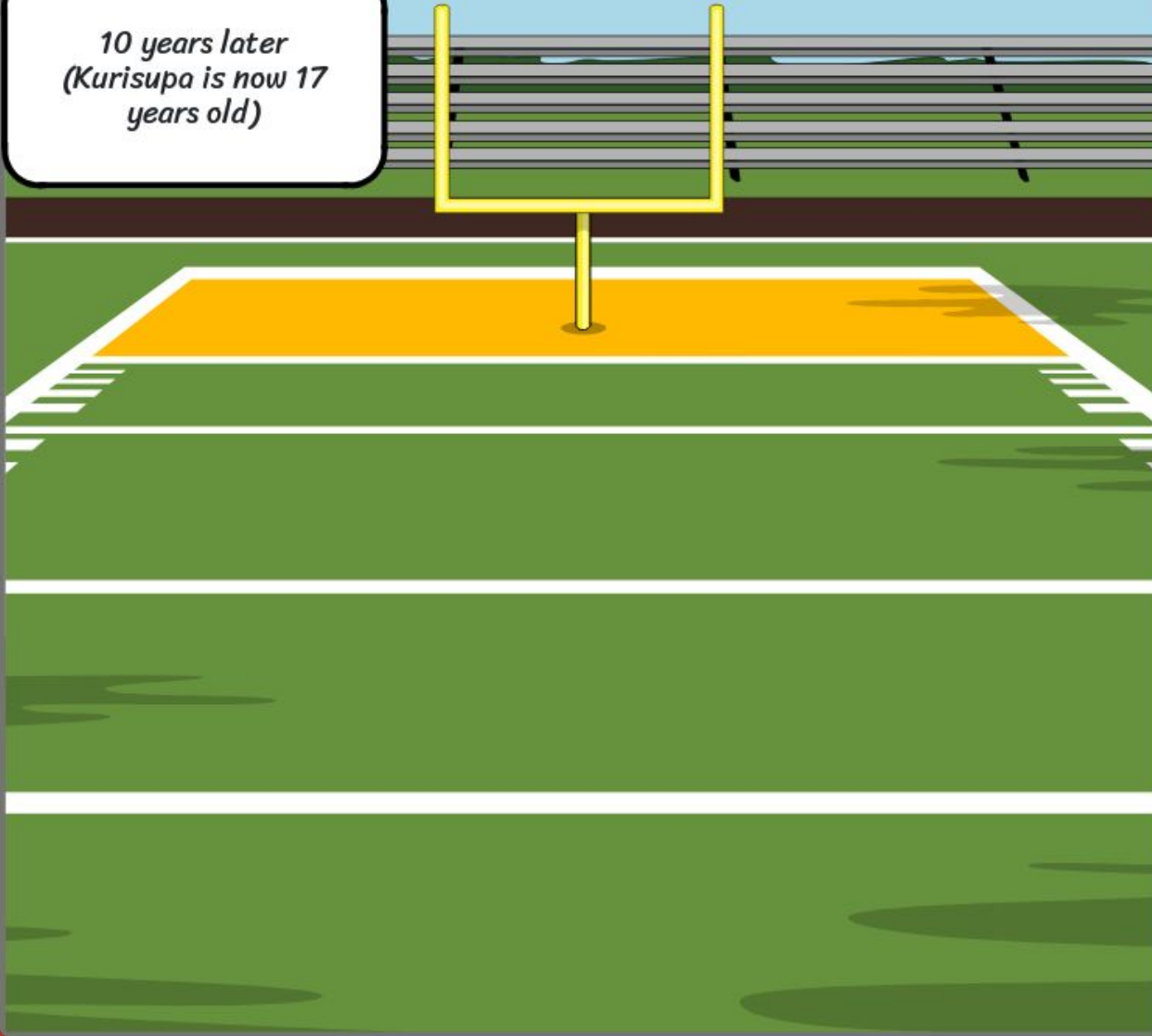
True...



Hey, Kurisupa  
seems a little  
stronger than a  
lot of us are  
don't you think?

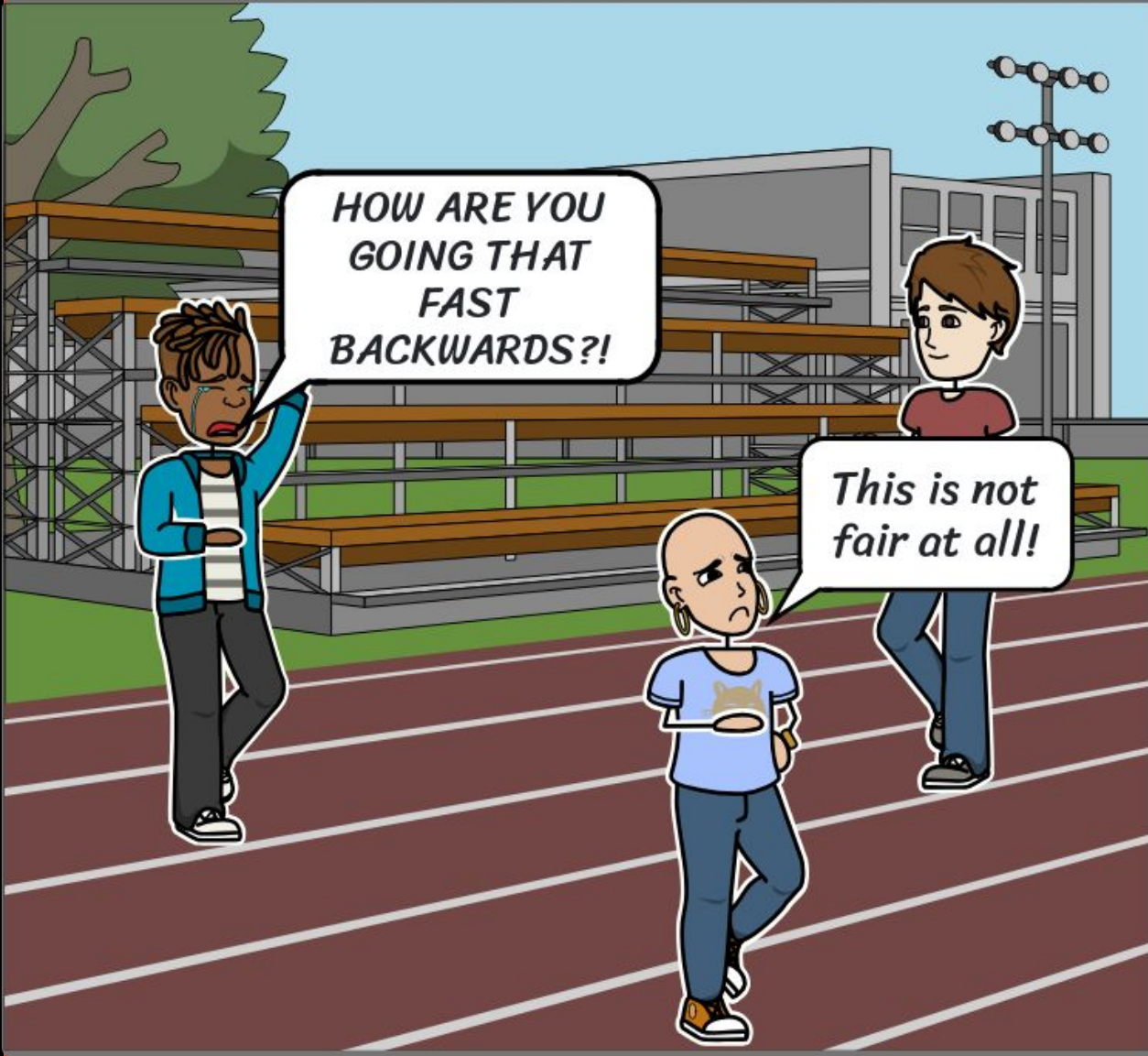


10 years later  
(Kurisupa is now 17  
years old)



HOW ARE YOU  
GOING THAT  
FAST  
BACKWARDS?!

This is not  
fair at all!





*Maaaaan he's playing without protective gear? And it's like he's so strong that not even you guys tackling him works!!!*

*Dude, that has to be cheating!*



*YOOOOOOOOOOO  
YOU'RE  
CHEATING*



That's *cruel*

Play by yourself dude  
we do not want you  
over here with your  
super abilities ruining  
our game



We may have  
to forbid you  
from playing in  
sports in this  
school due to  
the complaints  
of "unfair  
advantage"



Okay...

5 days later after school...

I feel awfully sleepy lately, I think I should go to the doctor

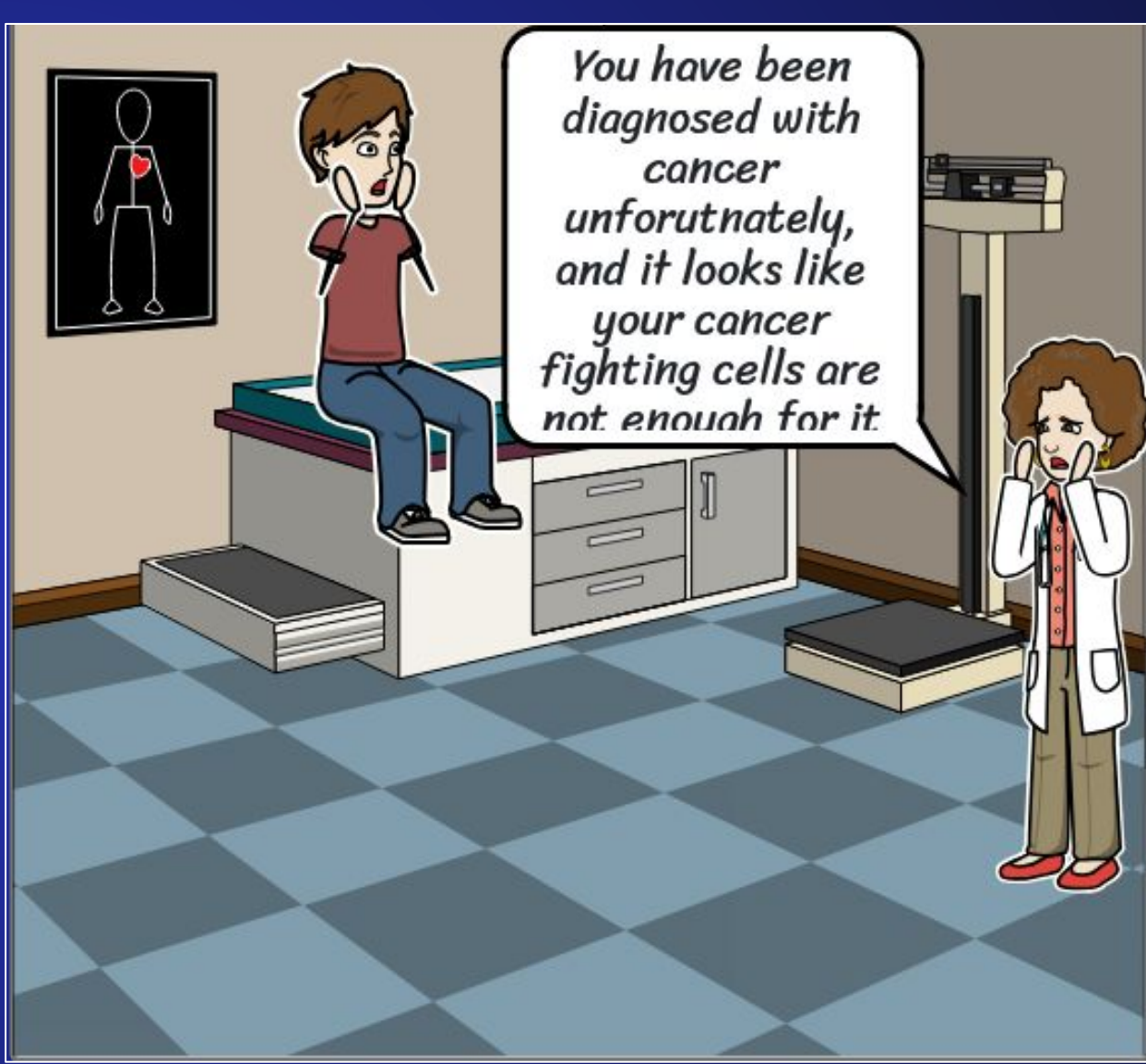
Hello, I'd like to have an appoin.....

Are you alright?  
Hello??

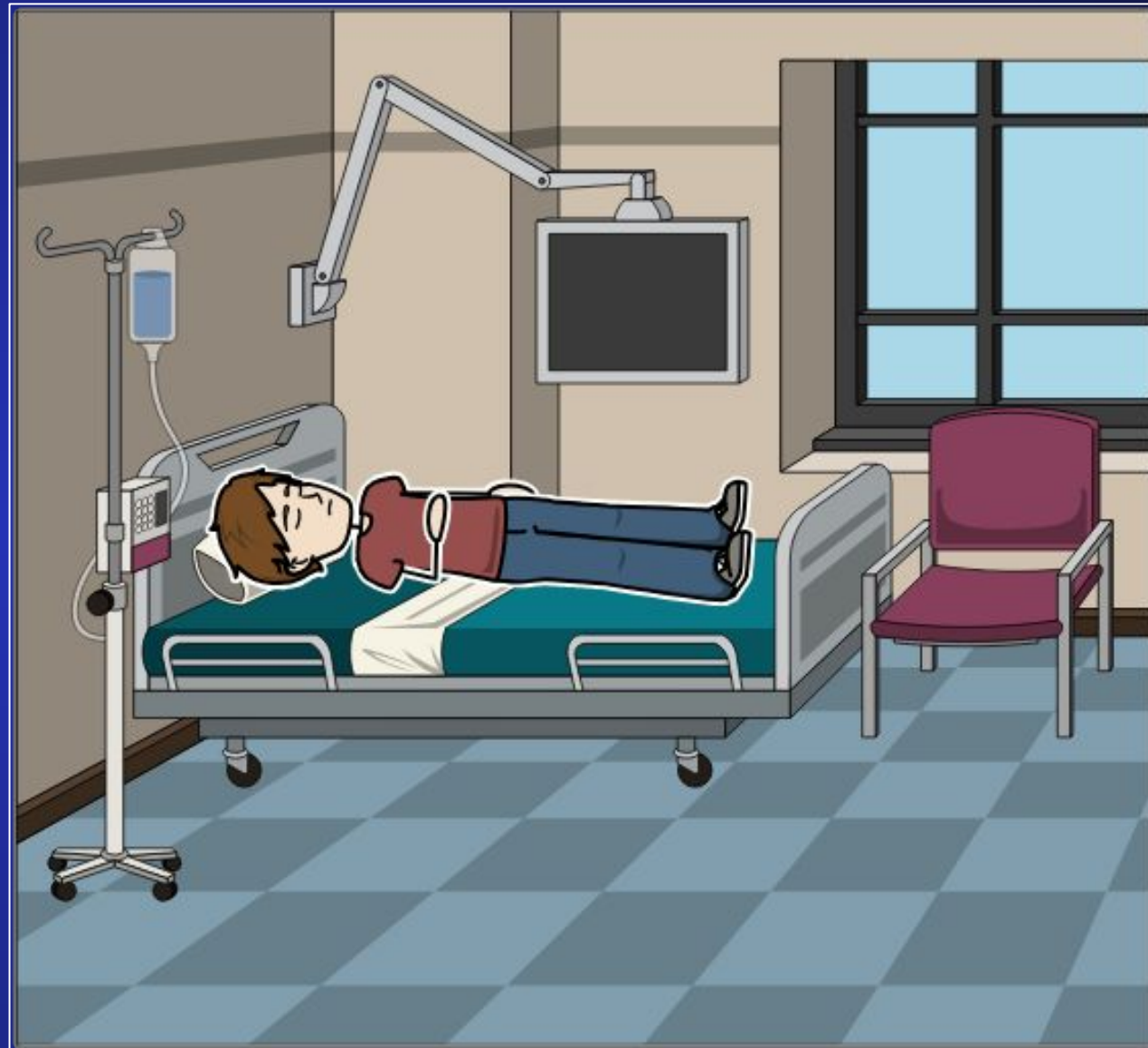
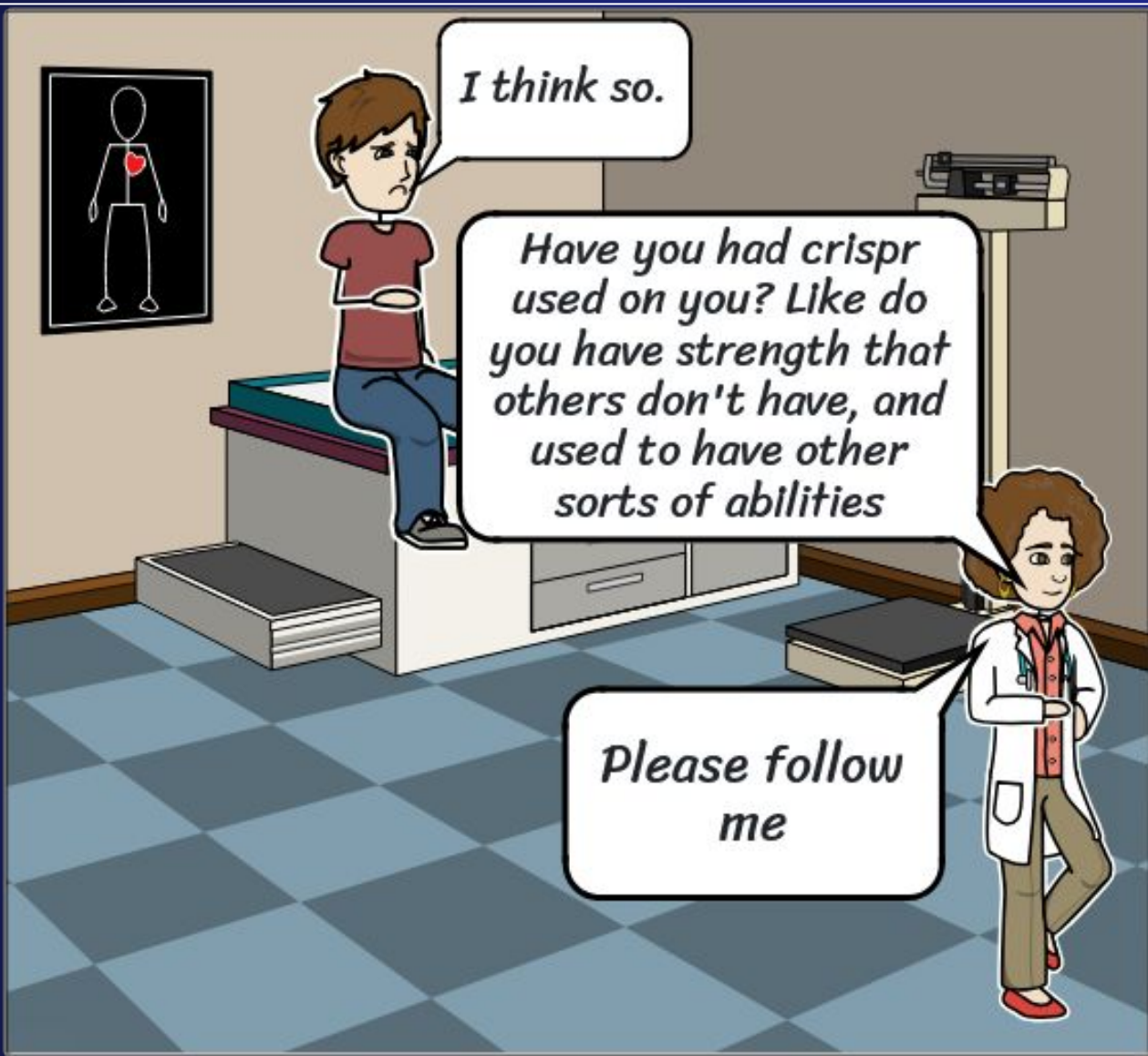


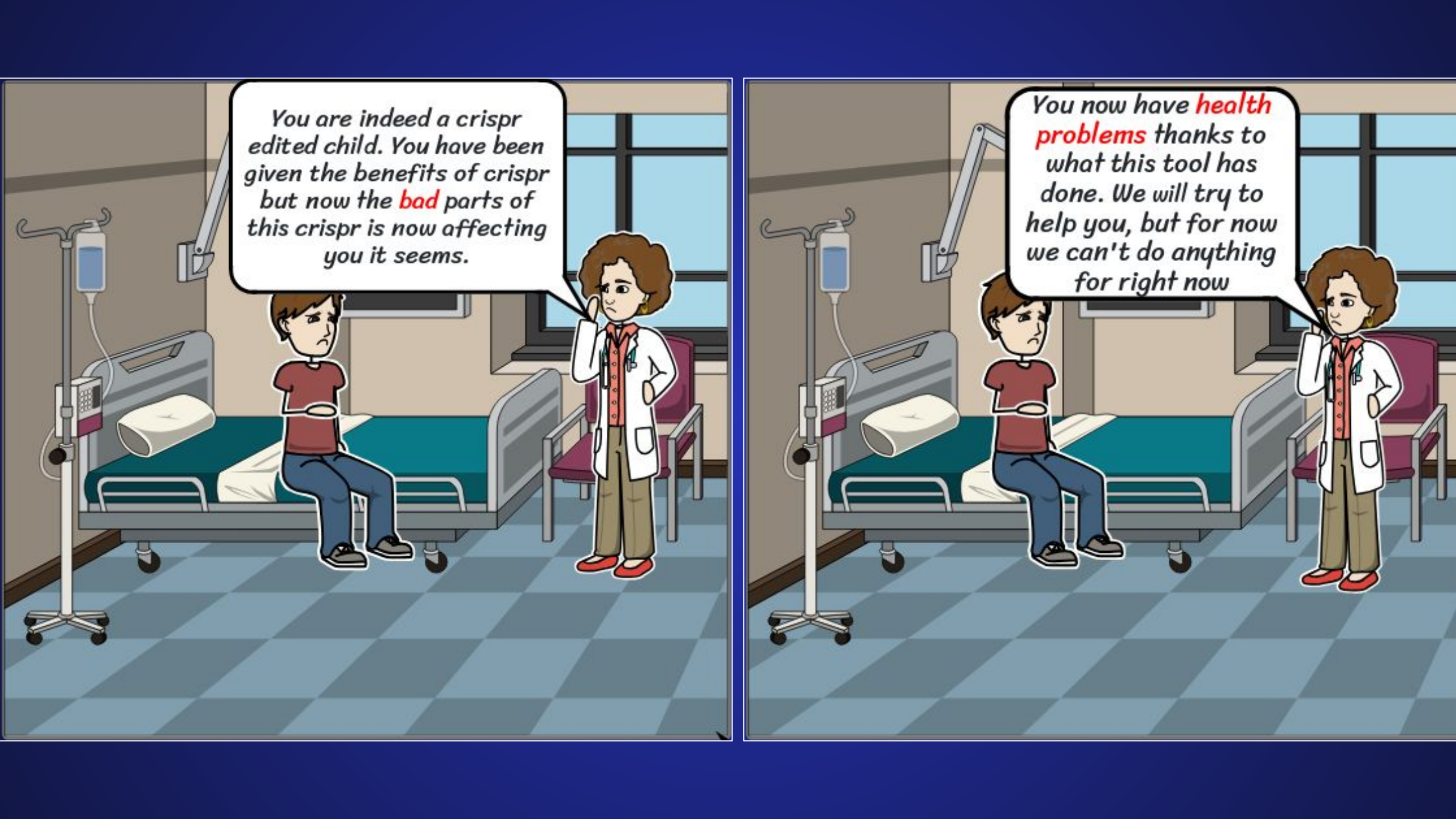
*I'm sorry, I wanted to schedule an appointment because I've been tired lately*

*Sure! We can see you today!*



*You have been diagnosed with cancer unfortunately, and it looks like your cancer fighting cells are not enough for it*



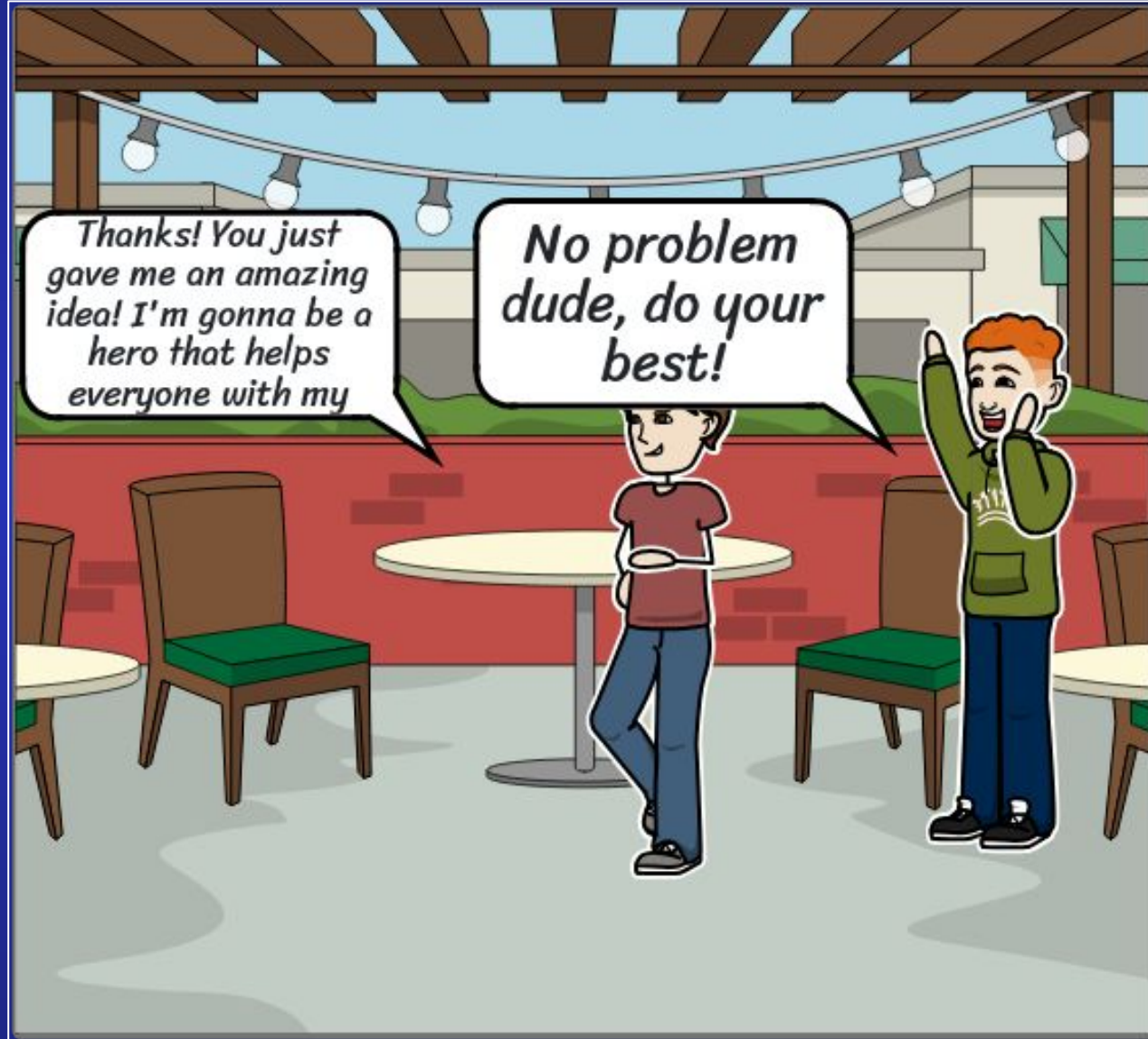
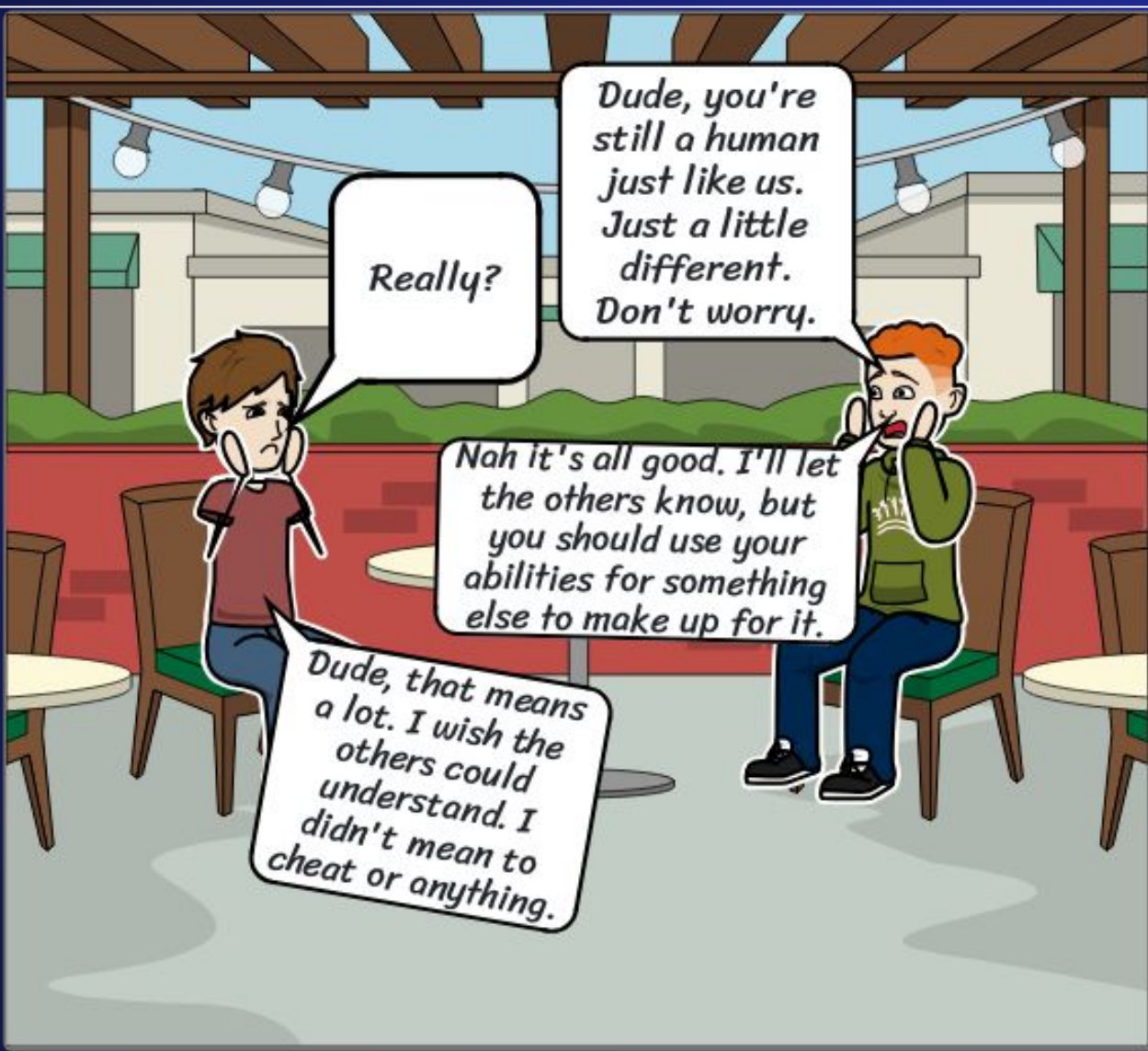


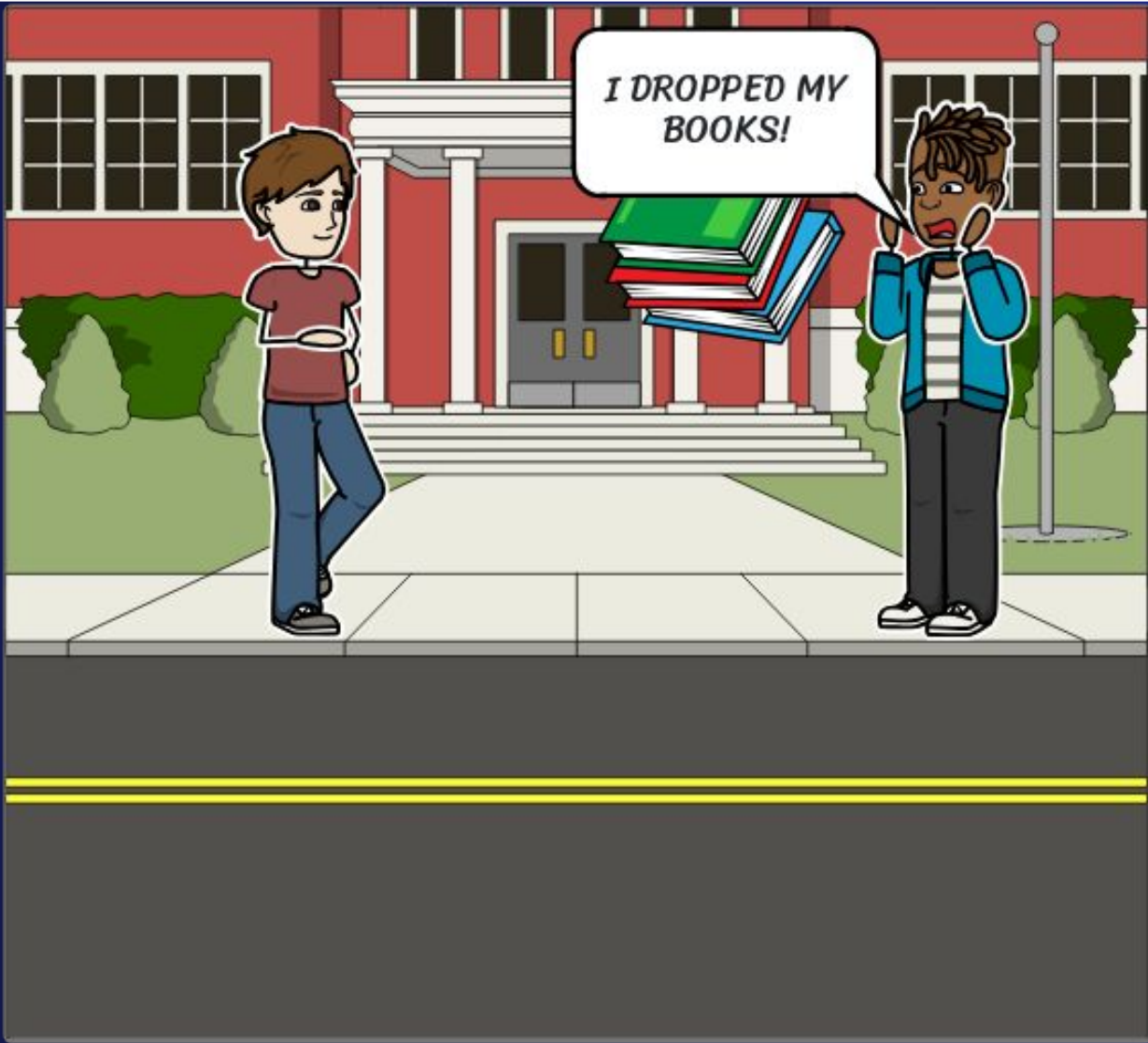
*You are indeed a crispr edited child. You have been given the benefits of crispr but now the **bad** parts of this crispr is now affecting you it seems.*



*You now have **health problems** thanks to what this tool has done. We will try to help you, but for now we can't do anything for right now*







*Our hero, Kurisupa then went on to help those in need with his physical powerups while waiting for a treatment for his cancer problem*



*That's all Folks!*

# Challenges

- Not knowing how to start the book
- Finding an app to start the book
- Using the correct words for kids to understand the book.
- Designs and art.

# Changes

- Found the correct platform for the project
- The art was pretty good
- The story change a little in the way it was build
- We splitted the story in 3 parts

# Final Takeaway

- Crispr give people the ability to be special.
- Crispr should only be used in special circumstances.
- Society is not agree of the use of CRISPR.

# Thank you



# Image Sources:

Sufian, Sandy, and Rosemarie Garland-Thomson. "The Dark Side of CRISPR."

*Scientific American*, 20 Feb. 2024,

[www.scientificamerican.com/article/the-dark-side-of-crispr](http://www.scientificamerican.com/article/the-dark-side-of-crispr).

"What Is CRISPR? - Innovative Genomics Institute (IGI)." *Innovative Genomics*

*Institute (IGI)*, 14 Feb. 2025, [innovativegenomics.org/what-is-crispr](http://innovativegenomics.org/what-is-crispr).