

Title

What is your story called?

Mathematical concept

What is your (one/single) chosen mathematical concept? (This should be the concept that you are learning this year.)

Genre

What is your story's genre? (For example, is it an adventure story, a fairy tale story, a horror story, a science fiction story, a fantasy story, or an everyday life story, etc.?)

Setting

Where does your story take place?

Characters

Who are the main characters in your story? What are their names, ethnicities, and genders (if any / if applicable)? Are they human beings, talking animals, talking objects, robots, aliens, or monsters, etc.?

Mathematical Storytelling Mind Map (8-16 years old)

**Problem**

What is the problem that your character(s) try to use their knowledge of the chosen mathematical concept to solve meaningfully? (i.e., not something like "The dragon says that to save the prince/princess, you have to be able to correctly answer what 4×5 is.")

Solution

How do your character(s) use their knowledge of the chosen mathematical concept to help them solve the problem? Is it just one main character who solves the problem or is it a team effort? How is the solution explained using words, drawing/illustrations and mathematical symbols?

Storyboard + Page illustrations (Printing this page on a sheet of A3-sized paper is ideal)

What text and page illustrations would you like to include? (Remember to also show - visually - how your chosen mathematical concept is being used to help solve the problem in your story picture book.)

Front cover	Page 1 (Setting the scene and introducing the character[s])	Page 2 (Introducing a meaningful problem)	Page 3 (Solving the problem mathematically)
Page 4 (Solving the problem mathematically - continued)	Page 5 (Solving the problem mathematically - continued)	Page 6 (Solving the problem mathematically - continued)	Page 7 (Ending)
Page 8 (Ending - continued, if needed)	Back cover	Judging Criteria <ul style="list-style-type: none">• Ability to come up with an engaging and original story (with a beginning, middle and end)• Ability to embed the chosen mathematical concept in a meaningful context• Ability to show how characters' knowledge of the chosen mathematical concept can help them solve a problem• Ability to use a combination of words, mathematical symbols/notations and drawings to show the mathematical concept in the story• Ability to explain the chosen mathematical concept in the story clearly without assuming readers' knowledge of the concept• Ability to present your story clearly and the mathematics accurately (e.g., quality of drawings, neatness of presentation, mathematical correctness, etc.)	