



Building Math for Common Core State Standards: Stranded!

Museum of Sci, Wong & Brizuela

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This simulation is uniquely appropriate for STEM (science, technology, engineering, and mathematics) initiatives. And it s great fun

Students will use algebraic thinking, data analysis and the engineering design process to solve problems in real-world settings

In Building Math for Common Core State Standards: Stranded,students are marooned on a desert island, where they must identify their location, build shelter, distill water, and learn how to load and provision small canoes.

Students will conduct mathematics investigations including

Using proportional reasoning to calculate actual distance and drawn distance on a map according to a scale

Identify corresponding dimension of similar objects.

Finding the area of an irregular two-dimensional shape using strategies for finding the areas of triangles, rectangles, and parallelograms.

Calculating the surface area and volume of three-dimensional objects.

Making and testing conjectures about the relationship between surface area and volume, and dimensions and volume.

Producing and analyzing line graphs that represent the relationship between two variables.

Science investigations include:

Using the relationship $\text{speed} = \text{distance}/\text{time}$ to find one quantity given the other two quantities.

Analyzing a table of values for patterns

Generating patterns using symbols

Building Math was developed through a partnership with the Boston Museum of Science and Tufts University, and successfully piloted in Boston-area schools.

Each book includes a poster illustrating the engineering design process and a DVD with classroom implementation samples.

Addresses Common Core standards and ITEA standards for technological literacy

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Mary Ayala:

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Irma Hugues:

Book is to be different for each and every grade. Book for children till adult are different content. We all know that that book is very important for people. The book Building Math for Common Core State Standards: Stranded! seemed to be making you to know about other knowledge and of course you can take more information. It doesn't matter what advantages for you. The e-book Building Math for Common Core State Standards: Stranded! is not only giving you far more new information but also for being your friend when you really feel bored. You can spend your personal spend time to read your book. Try to make relationship with the book Building Math for Common Core State Standards: Stranded!. You never sense lose out for everything in the event you read some books.

Kevin Lemon:

This Building Math for Common Core State Standards: Stranded! is great guide for you because the content which is full of information for you who all always deal with world and still have to make decision every minute. This specific book reveal it information accurately using great manage word or we can state no rambling sentences inside it. So if you are read that hurriedly you can have whole data in it. Doesn't mean it only gives you straight forward sentences but tough core information with splendid delivering sentences. Having Building Math for Common Core State Standards: Stranded! in your hand like obtaining the world in your arm, info in it is not ridiculous one. We can say that no guide that offer you world within ten or fifteen second right but this guide already do that. So , this is certainly good reading book. Hey Mr. and Mrs. active do you still doubt which?

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