

Title of Book: IGGY BECK, ARCHITECT

Author: Andrea Beaty

Publisher/Year: Abrams books for young readers. New York (2007)

ISBN-13:978-081091106

Grade Levels for Recommended Use: 3-5 (AR reading level 4.1)

TEKS: 3rd grade Mathematics (7) Geometry and measurement. The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving customary and metric measurement.

3rd grade Science (2) Scientific investigation and reasoning. The student uses scientific practices during laboratory and outdoor investigations. The student is expected to:

(B) collect and record data by observing and measuring, using the metric system, and using descriptive words and numerals such as labeled drawings, writing, and concept maps;

(3) Scientific investigation and reasoning. The student uses critical thinking and scientific problem solving to make informed decisions. The student is expected to:

(C) connect grade-level appropriate science concepts with the history of science, science careers, and contributions of scientists.

Architects are licensed professionals trained in the art and science of building design who develop the concepts for structures and turn those concepts into images and plans. Architects create the overall look of buildings and other structures, but the design of a building involves far more than its appearance.)

Brief Summary: Iggy Beck is a second grader that loves building things like towers and bridges. After being told by his teacher that the classroom is no place for building such things, he becomes very discouraged. Things change for Iggy Beck when the teacher takes her students to an island “nestled by way of a trestle.” and they become stranded on an island, and he proves that his architecture skills should be in the classroom.

Materials needed: Toothpicks and marshmallows, ruler, paper, pencil for their writing response and computer

Suggested Activity:

I. Read –Aloud: the teacher will read Iggy Beck, Architect with intonation and expression.

II. After reading, the teacher will distribute toothpicks and marshmallows.

III. The students will construct a tower from their materials and measure the height of their tower tower in inches. They will record their measurement.

IV. Students will write about their experience with architecture and discuss what they constructed. They will compare structures and measurements with the other students.

Adapted by Carlos Almaraz (2019)