

SECOND – FIFTH GRADE LESSON PLAN

TOPIC – “GRAPHING WITH SOCIAL STUDIES TOPICS”

GOAL – Familiarize students with how to represent data in a bar graph and what books in the library are about social studies topics

STANDARDS

CC.2.MD.10 – Draw a picture and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

CC.3.MD.3 - Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs.

AASL 1.1.6 – Read, view, and listen for information presented in any format (e.g., textual, visual, media, digital) in order to make inferences and gather meaning.

AASL 2.1.2 – Organize knowledge so that it is useful.

AASL 2.1.6 – Use the writing process, media and visual literacy, and technology skills to create products that express new understandings.

MATERIALS

Bibliography of resources

Graph template

Math problems using information presented in the graph

Questions about bibliographic information

PROCEDURE

Discuss with the students how to use graphs to show information. Explain that they are going to draw a bar graph using the “First Call Number” column from the bibliography. Explain what the first call number represents and how to use it to obtain their numbers for their graph. Help the students tally the information and put it on the graph. When the graph is complete, the students will answer questions about the graph.

Variations – This lesson can be used with other topics, such as fourth grade “Native Americans” or “Colonial America”; fifth grade “Civil War” or “Immigration”.

EVALUATION