# LEARNING PLAN 6th Grade

## Exploratory Activities
Gather Classroom Data (Heights; ShoeSizes; Letters in first name; Birthday; etc) Sort and display data

## Concept Development Activities
- Hula Hoop Activity (Boys & Girls)
- M & M Activity
- *Connected Math* – Data About Us: Investigation 1
  - Kamico pp 230-235; 242

## Basic Facts and Standard Algorithms Formalized
- Investigation 1 Applications pp15-18
- Investigation 1 Addition Practice p122
  - *Passport* – PP16-20
    - PP242-249
    - PP 252-255
    - PP236-240
- Investigation 1 Application pp 15-20

## Assessment
Envelope Activity – Envelope with class set of strips of paper; answer 4 to 5 survey questions in each group until each student has finished; each group will display data in a different representation

## Related TEKS/TAAS
- TAAS Objectives: 5; 12

## Concept
Graphical Representations

## Materials and Resources
- Index Cards/ Post-It -Notes
- Tape
- Hula Hoop
- M & M’s
- Yarn
- Paper Plates
- Graph Paper/ Dots/ Markers
- *Connected Math* – Data About Us

## Originality and Creativity

### Student Products

**Written:** From a given set of data in a circle graph, have students write a story that fits the situation shown in the graph. Be creative

**Verbal:** Explain the advantages for displaying data in a table; advantages for displaying data in a graph.

**Kinesthetic:** Have students examine newspapers or magazines for data that’s been displayed in a bar graph. Represent the same data in a 3D graph.

**Visual:** Show tables or graphs that you have found. Represent the same data in a different format.

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