Leaning Tower of Pisa Revisited

Some background to the activity:

The second activity requires you to have a small ball, and a newspaper. If you don't have a newspaper, any piece of paper will do. Weigh the ball and the paper to determine which is heavier, and then make your prediction as to which one will **land** first.

At the end of the activity, you are asked to use your textbook to find information about the force pulling the objects to the ground. You can use the internet to find information on gravity, and then watch the video. You may like to find out more about Galileo Galilei and his work.

Leaning Tower of Pisa Revisited

Supposedly in the 1580's Galileo Galilei dropped two different sized cannon balls off of the Leaning Tower of Pisa to determine which would land first.

If he dropped a 5 and 10 pound cannon ball from the tower, predict which would land first and why.

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Observe the newspaper and ball on the scale, if both are dropped at the same time, which would fall first? Draw a picture of your expected results in the prediction box. Draw the results in the results box.

Prediction	Results

In a sentence state the results:

_____

_____

Now that the paper is rolled into a ball predict what will happen if the balls are dropped at the same time. Draw a picture of your expected results in the prediction box. Draw the results in the results in the results box.

Prediction	Results

In a sentence state the results:

_____

_____

Now Drop a Softball and Basketball. Draw a prediction of what you think will happen and draw a picture of what happens. Then write a sentence stating the results.

Prediction	Results

In a sentence state the results:

_____

_____

Items: Now choose two Items and drop them. Make a prediction, drop the items and record the results.

_____ and _____

Prediction	Results

In a sentence state the results:

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_____

Use your observations and your textbook to help you explain what force pulls objects to the ground.

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