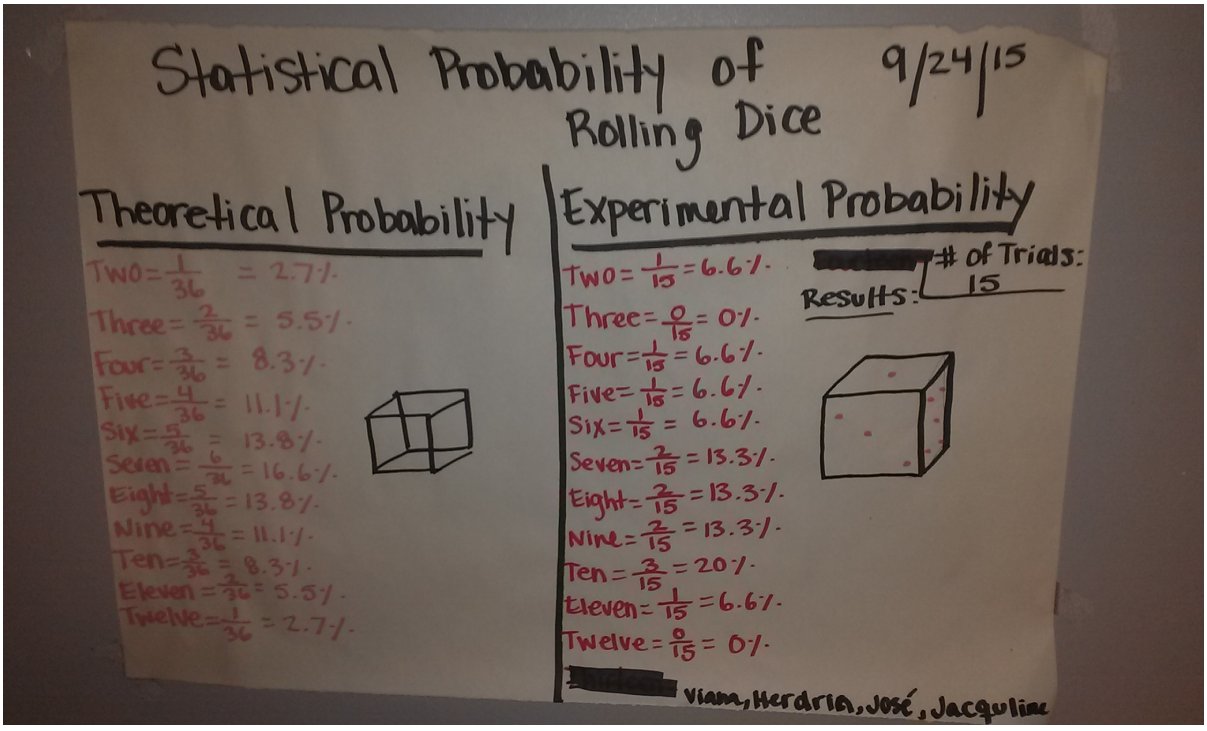
From Leo:

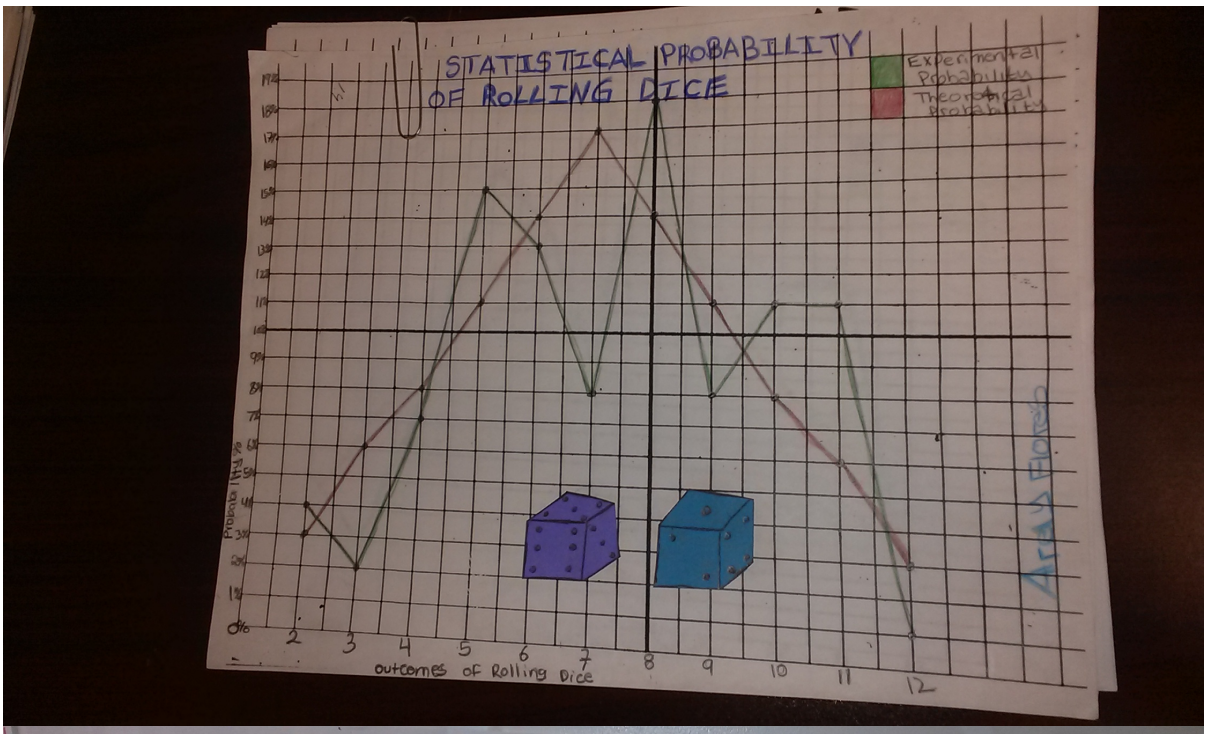
Hi guys. Great to meet and work with you today.

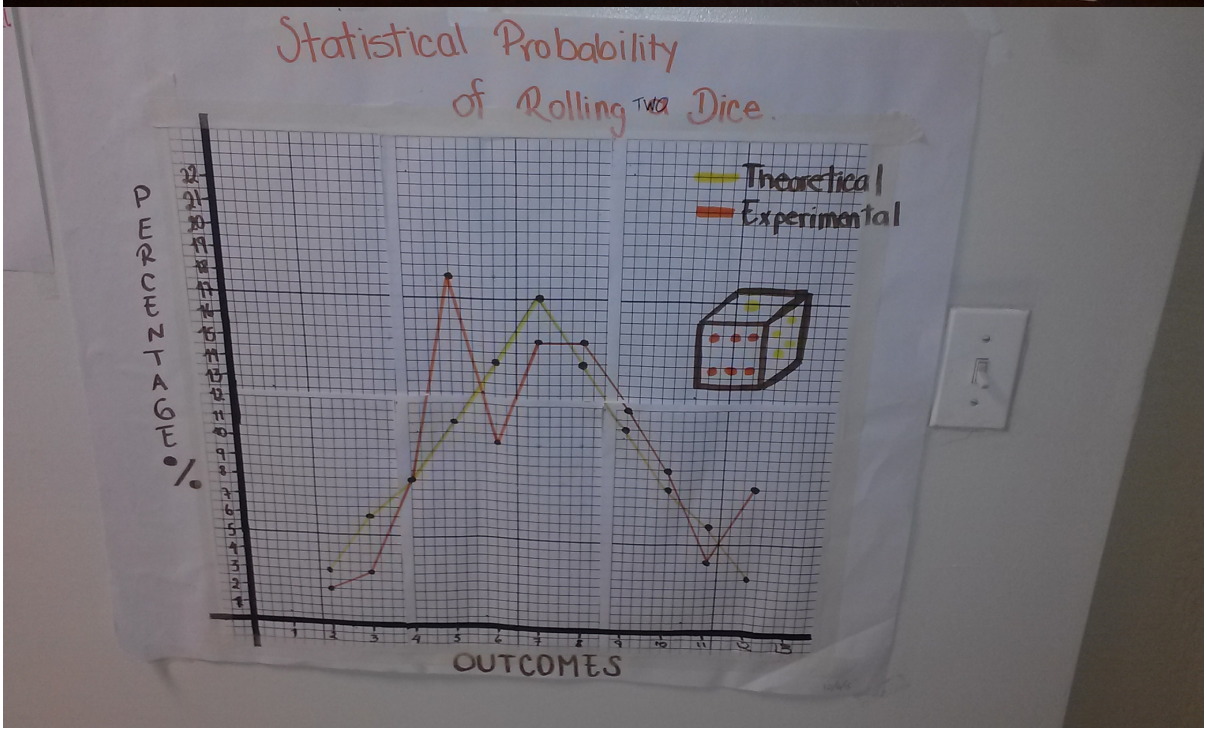
Below are some photos of the group probability projects we did in my pre-HSE classes so far this term.

- We calculated Theoretical Probability of rolling a pair of dice.
- Then we did experimental trials and calculated our class Experimental Probability.
- Then we graphed both to look for the Correlation.
- We also discussed graphing skills/domain/range; drawing cubes with parallel lines; changing fractions to percents.

I think you get the idea…




STATISTICAL PROBABILITY
OF ROLLING DICE
Experimental Probabilities
Theoretical Probability
Probabilities
outcomes of Rolling Dice
2 3 4 5 6 7 8 9 10 11 12
ARIA FLORES


Statistical Probability
of Rolling Two Dice.
Theoretical
Experimental
PERCENTAGE %
OUTCOMES

Statistical Probability of Rolling Dice

Theoretical Probability

Chances of rolling a

2: $\frac{1}{36} = 3\%$

3: $\frac{2}{36} = 6\%$

4: $\frac{3}{36} = 8\%$

5: $\frac{4}{36} = 11\%$

6: $\frac{5}{36} = 14\%$

7: $\frac{6}{36} = 17\%$

8: $\frac{5}{36} = 14\%$

9: $\frac{4}{36} = 11\%$

10: $\frac{3}{36} = 8\%$

11: $\frac{2}{36} = 6\%$

12: $\frac{1}{36} = 3\%$

Sep. 23

Leslie
Ausencia
Yuyan

Experimental Probability

of trials: 32

2: $\frac{1}{32} = 3\%$

3: $\frac{2}{32} = 6\%$

4: $\frac{4}{32} = 13\%$

5: $\frac{8}{32} = 25\%$

6: $\frac{1}{32} = 4\%$

7: $\frac{5}{32} = 16\%$

8: $\frac{3}{32} = 9\%$

9: $\frac{4}{32} = 13\%$

10: $\frac{3}{32} = 9\%$

11: $\frac{1}{32} = 3\%$

12: $\frac{0}{32} = 0$

9, 4, 7, 8, 5, 5, 5, 5, 4, 3, 11,
7, 5, 8, 10, 7, 5, 5, 4, 5, 4, 3,
6, 7, 8, 10, 9, 9, 10, 9, 7, 2