Question Starter Card. See Every Day Counts, 2005 edition, p 28-29, for questions to add to card.

Probability Graph - September

What do you notice when you look at the *number* of reds and greens on our Calendar so far? (The number of reds and greens is the same or about the same; they're about half red and half green.)

We're putting 4 pieces that match the red, green, red, green pattern into this bag. Do you think the chances of getting a red or a green out of the bag are the same and equally likely? If yes, why?

If not, which color do you think is more likely to be drawn? Why?

Each time we draw a card, what are the chances of getting a red? A green?

If we draw and put back one piece, shake the bag, and draw a total of 15 times (or use 20 times so that half and half is possible), *about* how many times do you think a red piece will be drawn? *About* how many green?

How many pieces have been drawn so far? Let's look at our graph of red and green draws? Are you surprised? If so, why?

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