

Titles Done in Garamond Bold – 25 point

A Southwest Educational Development Laboratory (SEDL) Production

This is one of a series of videotaped classroom episodes designed for use as part of a professional development experience for educators. Suggestions for using these episodes are included in the Active Learning with Technology portfolio facilitator guide.

Fourth Grade Classroom Episode
Graphing

What are graphs?

A graph is when you have a lot of information and you put it in a little... little spot.

Why would you want to use graphs?

We have a lot of information recorded on a lot of pages, and once you read one page, then you have to turn to others. With a graph you put in the numbers and know the results.

Maybe in the kitchen they do graphs, what cereal they take much better.

Get more cereal that they want more.

They're going to order it more, because they don't want to waste their money.

That most people like.

Who can give some examples of things that we can graph?

For example, at HEB we can compare which vegetable that they sell more.

Comparing the types of cars.

And like at Wal-Mart you can compare which type of bike is sold more.

For example, like at Payless you could compare tennis shoes, sandals...

At Wal-Mart, the clothes that they sell more, and the clothes that they sell less.

At Wal-Mart the kind of clothes.

Shorts Pants Shirts

What is the preferred restaurant?

Macdonald's, Pizza Hut...

You need to compare similar categories, four or five hamburger restaurants, or four or five pizza restaurants.

Sonic, Whataburger, Dairy Queen.

But for example, you can compare things at 7-11, like favorite snacks.

What are "shoes to go out?"

Oh, like shoes to what?

To go out.

Polling is when you are asking people for information.

Sandals? Dress shoes? Tennis shoes?

Tennis shoes.

Swimming.

Which one of these?

This one.

Pepitas???

No, the first one.

And you write the letter, and you click over here. And there it is. And now you know how to make it.

They have all these poll forms in Spanish, right? What does it say?

You all are on the Prime Time Tally Graph?

Vertical.

Vertical, what is vertical? In Spanish it says that it is the same in English.

What are you going to measure?

The table.

How many inches?

How many?

One foot and 40... 36 inches.

One yard and one feet.

What?

You made a mistake. Push right here. You made a mistake over there. And another one there. Capitalize.

Write your next data.

Now what do I do?

Pick tennis shoes or you could...

I put this one and I put a 1, and then I'm off to my next one?

Yes, push wherever you want to.

Are you using the metric system?

The Mexican system.

The metric system. So what is it?

138

Millimeters.

Centimeters.

Then I put a 1. Then I'm off to my next one. Then I put a 1.

Because there are 12 votes.

1-2-3-4-5-6-7

No.

There are 7, but 7 families.

No, it's not that, because there's 12, up to 12 people that voted; there's 12 people that voted. Remember?

Underline it?

And I go options? Make a chart.

A bar graph?

Axis.

What is the difference between the most and least favorite restaurant?

I am comparing the flavors of ice cream.

I made a bar graph and I polled everyone in class.

It tells me that most people chose chocolate.

Mandarin orange.

How many people were polled?

Because I counted the little squares that were in each row.

Chocolate. Because they would sell more chocolate.

Strawberry. Because bubble gum and strawberry are equal, but probably people like strawberry more.

How do you know that more people would like strawberry more than bubble gum? Who likes bubble gum more than strawberry?

They represent the people that choose the Pokeman (sp?).

He's in all the shows.

Because maybe they like how Squirtal throws his hydropump.

Because with Charmander, they like how he shoots his flame and fights with other Pokemans.

End Credit Sequence below to be rolled

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