

## ROUTINE: BIG, MEDIUM, & SMALL

**Predicting** can help us get excited about a text and help us better understand it.

Using the word cloud, what can you **predict** will happen in Chapter 1, using the **size of the words** as a clue?

Hmm..the words "father," "Oscar," and "Paris" are really **big**. So from this data, I can infer the story might be about a family going to Paris.

Interesting! What could you infer based on the **smaller** words?

A lot of the **smaller** words are connected to boats. So one inference is that maybe this character loves water or they travel by boat.

Nice These predictions will help us as we read. Let's see what happens.

A routine for recognizing **variability** in a data visualization based on size or level. In a data visualization, big usually means more and small usually means less.

## PURPOSE

What is this routine for?

Students can use this routine before, during, or after reading to predict, explain, or interpret aspects of what is happening in the text, or how the author might be using language to shape readers' feelings or ideas.

## QUESTIONS & PROMPTS

What can I ask students?

- What is **biggest/medium/smallest** in this visualization?
  - Or what is the **tallest, shortest**?

- Based on identifying biggest and smallest:
  - What can you **predict/speculate** about the text or the author's choices based on the size of the [word cloud, bar graph, etc]?
  - What can you **explain** about the text or the author's choices based on the size of the [word cloud, bar graph, etc]?
  - What can you **infer or conclude** about the text or the author's choices based on the size of the [word cloud, bar graph, etc]?

## APPLICATION

What types of data visualizations does this routine support?

This routine supports any visualization where there is variability based on size or level. In a data visualization, big usually means more and small usually means less.

This routine works well when paired with Name That Rule routine, which we encourage you to do before Big, Medium, Small

## EXAMPLES

### WORD CLOUD

What does **bigger** or **smaller** represent or mean in this word cloud?

What **bigger** the word, the **more often** the word shows up in the story.

What **predictions** can you make about the next chapter based on the **biggest words** in the word cloud?

I see juanita, ines, man, and said as bigger words, so I think it means they may meet a man and be talking to each other in this chapter

Nice! Where do you see the **smallest** words in the visualization? What information does this give you?

Words like girls, water, time, castanos, bidi are all **small or medium**. Maybe they will just be background details in this chapter. But that's weird because water was such a big part of the last chapter.

## BAR CHART





