# Lesson 5: Representemos datos en gráficas de barras con escala

### Standards Alignments

|  |  |
| --- | --- |
| Addressing | 3.MD.B, 3.MD.B.3 |
| Building Towards | 3.MD.B.3 |

### Teacher-facing Learning Goals

* Represent data using scaled bar graphs.

### Student-facing Learning Goals

* Hagamos una gráfica de barras con escala.

### Lesson Purpose

The purpose of this lesson is for students to create a scaled bar graph.

In a previous lesson, students collected categorical class data and learned how to create a scaled picture graph. Students now make connections between scaled picture graphs and scaled bar graphs, and expand the idea of a scale that is more than one to bar graphs. In this lesson students choose a scale of 2 or 5 for their bar graph.

**Math Community**

Tell students that, at the end of the lesson, they will be asked to identify specific examples of norms they experienced as they did math.

### Access for:

###  Students with Disabilities

* Engagement (Activity 2)

###  English Learners

* MLR7 (Activity 2)

### Instructional Routines

Number Talk (Warm-up)

### Materials to Gather

* Materials from a previous lesson: Activity 2

### Lesson Timeline

|  |  |
| --- | --- |
| Warm-up | 10 min |
| Activity 1 | 10 min |
| Activity 2 | 25 min |
| Lesson Synthesis | 10 min |
| Cool-down | 5 min |

### Teacher Reflection Question

Based on students’ prior work with scaled picture graphs, what strategy did you anticipate today? What strategy did you not anticipate?

## Cool-down

(to be completed at the end of the lesson) 5min

Completa una gráfica de barras con escala

### Standards Alignments

|  |  |
| --- | --- |
| Addressing | 3.MD.B.3 |

### Student-facing Task Statement

A unos estudiantes que estaban de visita en el zoológico les preguntaron: “¿Cuál es tu animal favorito del zoológico?”.

Sus respuestas se muestran en esta tabla:

| animal | número de estudiantes |
| --- | --- |
| elefante | 17 |
| tigre | 10 |
| jirafa | 14 |
| nutria | 4 |

Usa los datos de la tabla para completar la gráfica de barras con escala.



### Student Responses

Student bar graphs should show 10 students chose tigers and 4 students chose otters.

