



TOTALLY FREE, AS ALWAYS!

Teacher Information

– Kilo: Let's Observe! –

Hybrid Project

This project includes an in-person session with The Digital Bus at your school and an equipment lending kit.

OVERVIEW

This project is for kindergarten through second grades, and replaces the old "I Spy... Science" project. It is designed to be a combination of workbook directed questions, hands on activities with Digital Bus equipment, videos with the Digital Bus staff, and an in-person Digital Bus visit for the students.

Teachers will be provided with all necessary equipment and workbooks, free of charge. An in-person visit will be scheduled with The Digital Bus staff. Teachers are encouraged to use the information presented in this lesson as a stepping stone for other student observation activities.

PROJECT DETAILS

- Project: Kilo: Let's Observe!
- Grade levels: Kindergarten, 1st, and 2nd
- Estimated duration: 3-5 days (not necessarily consecutive)
- Equipment: Binoculars, magnifying glasses, microscopes, boxes of items for observation, student workbooks.
- Other requirements: In person classes, scheduled video chat, digital copy of workbook.
- In-person activities: Classroom Q-A sessions and Digital Bus visit.
- Project website: <https://www.digitalbus.org/kilo>

FOR '23-'24 NEW GRADE SPECIFIC WORKBOOKS ARE NOW AVAILABLE

PROJECT DELIVERY

PART 1: Teachers will navigate students through the workbooks at their own pace. Videos will be watched as a class, followed by student discussions and questions with the teacher.

Estimated duration: 30 minutes

PART 2: Teachers will navigate students through their workbooks at their own pace. Videos will be watched as a class, followed by students discussions and questions with the teacher.

Estimated duration: 30-45 minutes

IN BETWEEN PARTS 2 AND 3:

IN-PERSON VISIT (Kinder, 1st) – Digital Bus staff will visit your classroom to explain how to use the tools of science, followed by a 30-45 minute visit to the Digital Bus for all students.

Estimated duration: 45-60 minutes

IN-PERSON VISIT (2nd) – Digital Bus staff will visit your classroom to explain how to use the tools of science, review workbook material, and explain the days' activities. All students will visit The Digital Bus for a 60 minute visit split into two rotations.

Estimated duration: 90 minutes

PART 3: Teachers will navigate students through their workbooks. Videos will be watched as a class, followed by discussions and questions with the teacher. A final virtual conclusion session may be scheduled if desired.

Estimated duration: 30 minutes

OTHER IMPORTANT INFORMATION

- The Digital Bus will loan all necessary equipment to participating schools for one week per classroom scheduled. It is expected that teachers within grade levels coordinate in sharing the equipment.
- For 2023-2024 a new second grade specific workbook/activities is available!
- The grade level will receive (10) binoculars, (10) magnifying glasses, (2) “creature peeper” insect magnifying glasses, (5) digital microscopes, (10) containers of items to observe, (1) box of wipes, class set of student workbooks (for each class).
- All student and teacher documents are available to download as fillable PDF directly from our website.
- Teachers now have the option to download a Google Classroom folder with a Google Slide version of the project for integration into their Virtual Classroom.
- Teachers are expected to know basic operations of the equipment. Click [here](#) for a video explaining their operation.
- All necessary information and documents can also be found on this project’s website: <https://www.digitalbus.org/kilo>