

Biodiversity Workshop

Workshop Name:

Biodiversity Workshop

Workshop Content/Objective(s):

Students will investigate and record data about biodiversity in a given locality.

Learning Standard Addressed (TEK):

Students will be able to investigate biodiversity
In a given locality.

Needed Supplies:

- Two separate land plots of equal size
- Eight wood stakes
- Pencils
- Clipboards
- Calculators
- Workshop worksheet

Small Entry Event (like the 5e Engage):

Watching short video clip about biodiversity

Knows/Need2Knows:

- Definition of biodiversity
- How to record observational data
- How to calculate the simplified diversity index

Student Take-Away Mechanism:

Biodiversity Worksheet

Additional Notes:

Students will be called up by group roles.
Each plot of land will be marked before the workshop.

Instruction

Who needs to attend?

Everyone will be attending.

Workshop Activities:

- Students will watch a short video clip on biodiversity.
- Students will investigate and record species found in each predesignated plot of land.

- Students will calculate the simplified diversity index and answer the questions on the worksheet.

Evaluation/Assessment Measures:

- Students will complete the biodiversity worksheet.