Ask & answer a WITRB about
aquatic macroinvertebrates:

→ Develop a WITRB question ✓

→ Soil, plants, water quality ✓

→ AMI's & functional feeding groups | learn

→ Collect and analyze data | learn

What is the relationship between
the diversity of aquatic macroinvertebrates
measuring word　　　　　　factor 1
and turbidity of the creek ?
measuring word　　　factor 2

Constraints —

· Collect data 2 times, during class

· Measure what we've already measured:
　　· plant species
　　· soil characteristics
　　· water quality parameters

· Something you really think might interact with AMI's...

List three factors that meet these
constraints:

plant diversity

Water
turbidity (12)
2

Water
temperature
2

pH
Water (6)
18

Water DO
1

3 accessible places:

1. Low turbidity

2. Med

3. High turbidity

In a few words, describe _where_ these are located (where can we find them?)

BACK IN 15 mins.

Background research:

→ Anatomy

→ Functional feeding groups

Can this help us predict the relationship between diversity of AMI's and turbidity?