So you wanna build your own mobile lab?

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What is a Mobile Science Lab?

- Field research equipment
- Conduct on-site investigations
- Take our “classroom” with us
- Reliable, relevant, real-time
- No longer a school bus
Why do we need one?

- Hands-on learning & outside classroom
- Improve teamwork and communication skills
- Improve student achievement
- Support our school mission: Engaging experiences that prepare us to be college & career ready
Phase 1: Barter for a Bus

- Upcycled a used bus
- Detailed costs and safety concerns
- Received State of WI design approval
- Secured funding sources (grants & district support)
Phase 2: Disassemble the Bus

- Created list of lab equipment
- Designed the interior
- Removed unnecessary interior features including extra seats and lights
- Removed stickers, lettering, and stop sign
Phase 3: Rebuild the Bus

- Followed design blueprint to reconfigure bus
- Used blueprint to fit the bus with equipment
- Painted the bus
- Passed safety inspections
- Had students decide colors
Where do we go from here?

- Install wifi
- Add electrical system to support lab equipment
- Add lettering and logo to bus
- Install weather station
Now, let’s go see the bus!