4-12 are possible grades; you would have to talk about different things at different levels (activities may be the same). Grade level won't matter so much for our purposes.

It may end up working too well or not well enough… (network reliability, etc.)

Outdoors is fine; no need for waterproofing

Operating environment: Not being bold. State that an audience and an instructor are working with an instructor and a laptop. Nodes are in an external environment. Moderate weather is fine (not going to stay out for long periods, in rain, etc.)

Use bulleted lists in functional requirements section

Take the $500 out. Budgets are guesses at this point.

Development and practices: Software development practices (Agile, top down) is what they are looking for. Have a Git workflow, merge requests, etc.

Delete costs, equipment plans from requirements summary. Use functional and non-functional requirements – The system should be able to stream… You will have a paragraph for every major bullet point later (in section 1.4)

1.5: Use this section for users and use cases. Instructor, participants, remote administrator, etc. Break participants into observers, people taking nodes out, etc.

"The user" is imprecise (1.5/1.6). Specify a user

The biggest deliverable is the design and the software. Overall: software, small amount of hardware, OS images, etc.

For the lesson plans, we will want to show a video of an example of an activity we can play with. We will deliver a video of us playacting the activity through.

Proposed approach: Nothing on batteries and energy. We should be including this (as well as in requirements).

Need to make diagrams before we write. Use case diagram -> users and uses; Diagram of laptop, base node, sensor nodes, separated networks, sending data back to display -> proposed approach. Use case diagram will help with 1.5 (only need to describe the diagram then…). The diagram of the structure is the main one to include.

Presentations: Diagrams save you. you can stand and talk about a diagram for 2-3 minutes and things are much clearer than with bullet points.

Overall, bullet points are key to the design document. This helps you structure the sections.

Meet next week via Zoom. (8:30 a.m., 2/25/20)