

HS IET Design Materials Interview

Interviewer: Please describe the instructional materials you're using for this lesson.

Teacher: Most of the materials that we use for the lesson came from actually practical hands on. They had to work with actual components for electrical circuit, they used bread boards. When it came to this assignment, it was more of an application of all of the knowledge and skills that they've learned, so it does require quite a bit of resources to get them to understand the fundamentals in a course like electricity.

Interviewer: Why did you consider choosing these materials?

Teacher: The reason why I choose these materials is that, first of all, does it address the standards in the class? If one of the standards in the class is they have to understand how to fabricate, then I need to have these types of resources and materials available for them, so that they have a better understanding whether or not they understand the technical aspect of the electronic world.

Interviewer: What is it that you like about these materials?

Teacher: What I like about these materials is that it gives them an understanding what's the real world, and how relevant it is in a classroom with working with these types of circuitry, that they can even begin to apply it in the real world. I gave them a problem that exists in the real world, and see how they could transfer the knowledge and the skill that they have acquired into an application of what they've learned.

Interviewer: Are there any changes that you'd like to make to these materials?

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Teacher: I always would like to give them more of the latest technology that's available. I want to deal with what is in the future, rather than what is in the past. Give them the opportunity to explore new technologies and advancement, so they'll be more equipped to deal with types of careers that are coming up in the future, and now.

Interviewer: How would you describe these materials as meaningful or relevant to students lives?

Teacher: I believe if it's new advancements, and materials that is used in the real world, then they can apply it to everyday kind of careers. In this class we teach electrical, they need to understand how to do wiring, how to wire components, understanding the technical information is presented them in symbols, so they need all of these resources to have a better understanding. It's the matter of being able to use your resources, apply it, and be able to transfer that information into something that does meet industry standards.