

Lesson 2.5 - Smart Doorbell

Student Workbook Component

Warm Up - Scientific Investigation

Does technology help or hinder people?

In the chart below, write down factual information to support each point of view.



Facts	<i>I believe technology helps hearing impaired individuals...</i>	<i>I believe technology hinders hearing impaired individuals...</i>
Fact 1		
Fact 2		
Fact 3		
Fact 4		



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Mini-lesson

Does technology help or hinder people?

Keyword Review

Fill in the blanks with a keyword.

- Deaf
- Culture
- Cochlear implant
- Sign language

1. Some people are born able to hear, and some people are born _____.
2. The ideas, customs, and social behaviors of a group is called their _____.
3. Some deaf people improve their hearing by using _____.
4. One way that deaf people can communicate is by using _____.

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Challenge 2


Optimize your smart doorbell to work for both hearing and non-hearing impaired individuals - be creative!

Plan your system

1. What blocks do you need?

2. Sketch your plan: Think about the SAM system you want to create and use the space below to draw it out.

- Which are your inputs and outputs? (*Remember inputs on the left connected to your output on the right*)
- How will they be connected together?
- What settings do you need to edit?

A large, empty rectangular box with a thin black border, intended for students to draw their system plan.

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We can use transitional phrases to talk about the order events or actions take place. Practice by using transitional phrases to discuss the steps you took to design your doorbell.

Time & Sequence	Compare (+)	Contrast (-)	Cause and Effect
first/second/third	also	but	because
next	equally	however	so
after	likewise	otherwise	therefore
finally/overall/to sum up	in addition	on one hand... ...on the other hand	as a result