The Pirates of Prosthetics: Peg Legs and Hooks

TeachEngineering

Activity (Other)

Introduced to prostheticsâ€"history, purpose and benefits, main components, main types, materials, control methods, modern examples.

| Suggested Learning  |       |      |       |       |             |        |
|---|-------|------|-------|-------|-------------|--------|
| Time  | 00:30 | Cost |       |       | 0.00        |        |
| PreRequisites   |       |      |       |       |             |        |
| Requirements  |       |      |       |       |             |        |
| Skills  |       |      | Focus | Level | Standard    | Points |
| Applied Science   |       |      |       | .ıl   | <u>NGSS</u> | 1      |
| Written Communicatio  | n     |      |       | .d    | CC          | 1      |
| Mathematics   |       |      |       | al    | CC          | 1      |
| Research  |       |      |       | al    |             | 1      |
| Total Skill Points<br>Knowledge Gain  |       |      |       |       |             |        |
| List reasons why human body limb amputation may be necessary or may occur. Show factors considered by engineers and medical doctors when designing prostheses.  Resource Link |       |      |       |       |             |        |
| https://www.teachengineering.org/lessons/view/uoh_pirates_lesson01  |       |      |       |       |             |        |

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