

The teenager who built a submarine

Have you ever built something by yourself? (Yes, I have / No, I haven't...)

Vocabulary

1. constructing 2. materials 3. features 4. experiment 5. drainage 6. dome

True Story

In 2013, Justin Beckerman, an 18-year-old student from New Jersey, USA, built a working one-person submarine. He spent six months designing and _____ it using _____ like _____ pipes and a clear plastic _____. The submarine, named The Nautilus, could dive up to 30 feet (9.1 meters) underwater. It included lights, a fan, a pump, and a radio.

He had been building things since he was young, including a helmet for watching videos and a remote-controlled vacuum. Justin said he enjoyed creating machines and learning how they worked. His parents supported his projects and gave him space to _____. At the time, Justin hoped to improve his submarine and add more _____ in the future.

Quiz

1. How old was Justin Beckerman when he built the submarine?
2. What materials did Justin use to build the submarine?
3. How deep could The Nautilus dive?
4. What did Justin's parents do to help him with his projects?

True or False

- | | |
|---|--------------|
| 1. Justin Beckerman built a two-person submarine. | True False |
| 2. The submarine included a radio and a fan. | True False |
| 3. Justin hoped to add more feathers in the future. | True False |

Conversation

- A: Hey Justin, did you really build a submarine?
 B: Yep, it's called The Nautilus!
 A: That's amazing! How deep can it go?
 B: It can go up to 30 feet underwater.
 A: Wow, your parents must be proud!
 B: They are! They always give me space to try new things.

Discussion

1. Do you enjoy creating things? What do you like to make?
2. Would you like to ride in a submarine? Why or why not?
3. Would you rather go to space or the deep sea?
4. What features would you add to Justin's submarine?