WHO WE ARE?

We are the Rox Bots team #4882 from Shoals Community Schools.



What are we learning?

We are learning about archaeology. We are learning about problems that archaeologists are facing.

1. We have listened to one archaeologist who graduated from the University of Evansville. He works in Indiana, Ohio, and Michigan.
2.We had a zoom with an archaeologist from South Dakota. She works for the Department of Natural Resources.

What issues do archaeologists have?

1.Landowners - getting permission to be on their property and dig.

2.Destruction site - eroding, human activity such as building, looters - taking something that is not theirs.

3.Harsh conditions - extreme weather, bugs and animals

4.Funding - grants or having the money to do various digs.



PROBLEM

Our problem is that people do not know about archaeologists and the issues they face. We are going to get the awareness out to people.

1. We went to a school board meeting and asked for approval to put a QR Code on the Shoals Community School Website.
2.Mr. Poole taught us how to make a QR Code
3.Miss Hawkins taught us about using a drone
4.QR Code to have our information on our school trail.
5.QR Code to have our information on flyers around town.

SOLUTION

Making people aware of what archaeology is, and the issues that archaeologists face.



PLAN FOR OUR SOLUTION

1. We went to a school board meeting and asked for approval to put a QR Code on the Shoals Community School Website.
2. Mr. Poole (our school technology director) taught us how to make a QR Code.
3. We made QR Codes for the website so everyone who was on our school website could learn about our project.
4. We made QR Codes to have our information on flyers around town and on our school trail.

TEAM BUILDING ACTIVITIES WITH OUR TEAM

- Researching, making flyers, and making our boards
- Painting boards for the trail
- Digging in ice sculptures
- Digging in the sand
- Flying the drone together
- Working on the robot

SHARING OUR PROJECT WITH OTHERS

1. Our 3 teams learned from 2 archaeologists together.
2. Our 3 teams built legos together.
3. We shared our project with our community with flyers in town, QR Codes on our school website and on the walking trail.
4. We learned about archaeology finds in the Martin County Museum.
5. We shared our projects with students in our school.

THINGS OUR TEAM LIKED AND LEARNED

Raelynn - liked working with the robot and coding.
Nick - liked working with his friends and working with the robot.
Zoey - liked sifting through the sand in our digs.
Noah - liked working with the robot.
Joseph - liked about learning how to make a gear ration.
Natalie - liked programming the robot.
Coach Jessica - liked seeing all the pretty rocks in her digs. She liked speaking with archaeologists.

RESEARCH AND SOURCES OF INFORMATION

1. Miss Hawkins taught us about using drones. Some archaeologists use drones in their searching.
2. Mr. Poole taught us about the school website and how to put our information on the school website.
3. Andrew Norrington - he is an archaeologist. He graduated from the University of Evansville. He works for Indiana, Ohio and Michigan. He told us about issues archaeologists face.
4. We had a zoom with an archaeologist from South Dakota. She works for the Department of Natural Resources. We heard how funding is available for her, what she has done during her years in archaeology, and the issues she has faced.
5. We researched various sites to learn more about the issues that the archaeologists told us about.



Pictures Throughout our Lego Year



Learning how to fly a drone with Miss Hawkins.



Observing a big rock our coach Jessica brought in.



Building with toothpicks and marshmallows.



Putting our board together



Putting things up at the walking trail.

Pictures Throughout our Lego Year



Building our Robot



Digging for treasures



Andrew an archeology grad from UE came to speak to us



Mr. Poole our tech director showing us how to use a QR Code



Breaking open an ice sculpture