

Date: _____

Name: _____

Structure Services

This activity was created by Huda and Sophia.

Esiw is looking at jobs in the construction field but can't figure out which job belongs to which tools on the next page. Can you give Esiw a hand by circling all the images that can be used in each of these jobs?

Want to challenge yourself? Try circling the tools on page 15 with different colours! (ex. yellow for construction, blue for architectural jobs and red for engineering) Hint: some jobs use the same tools!

Construction jobs are all about building, improving and fixing spaces to make them safe and functional.

Elevator Mechanics work to ensure the safety and smooth functioning of moving walkways, elevators and escalators.

Construction workers have many jobs, some of them include working with heavy equipment, loading and unloading building materials, and extracting debris.

Carpenters work with wood to build many things like cabinets, thermal insulation to keep homes warm during winter and creating frames for homes.

Architectural jobs specialize in planning, designing, and reviewing the construction of buildings.

Drafters are tasked with converting engineering and architectural designs into technical drawings to help with the building process.

Interior designers create functional and safe spaces for people to live, work and play in.

Urban and regional planners establish good uses for land that create communities and account for changing population numbers. As well as create nicer spaces in countries, cities, and towns.

Engineering jobs are about creating things and solving complex problems.

Computer engineers use programming to develop, create, and test software and hardware that allows computers to work. They can work with developing software like Windows or hardware like the graphics card on a computer.

Marine engineers construct structures that are used on and under the surface of water, such as oil platforms, cruise ships and submarines. They ensure that these structures are working properly.

Automotive engineers research, design and develop vehicles like cars, trucks and motorcycles. They design vehicles to be safe and functioning.



Huda and Sophia want to tell you about a few BIPOC (Black Indigenous, People of Colour) women that have worked in professions of engineering and architecture!

Ursula Burns is a mechanical engineer, she graduated university and worked her way up and become the first African American CEO of a fortune 500 company! Beverly Loraine Greene became the first African American women licensed to practice architecture in Illinois and in the USA. She was part of the team that designed the UNESCO Headquarters in Paris!