



HOW A PROJECT IS BUILT:

CONSTRUCTION JOBS MATCHING GAME

INSTRUCTIONS:

- 1) Print the following pages single sided.
- 2) Cut them apart.
- 3) Ask the student to arrange the jobs in the order they might appear on the job site with the image and description by the correct number.



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ARCHITECT

The Architect develops a design concept for how a building should look and function. They review their ideas with the team. The Architect gives the design to someone who draws the blue prints, or construction documents.

DRAFTER

The Drafter works closely with the Architect to evaluate constructability and draws the construction documents. They make sure all of the details of the project come together and provide all of the information needed for construction.

SURVEYOR

The Construction Surveyor lays out where the building should be located. They help make sure the building will be positioned in the exact location the Architect wants it to be before any construction begins. They use a lot of high-tech equipment to set the building layout.

SAFETY MANAGER

Starting at the beginning of construction and throughout the project, they identify and correct hazards that may be dangerous to the construction team or people around the construction site. The Safety Manager inspects and evaluates the workplace environment, equipment and practices to make sure it is safe.

EXCAVATOR

Excavators plan and direct the removal of dirt and materials from the jobsite. They use big equipment to dig and move materials to the locations shown on the plans.

CONCRETE FINISHER (FOUNDATIONS)

A Concrete Finisher is a skilled tradesperson who works with concrete by placing, finishing, protecting and repairing concrete on construction projects. They are responsible for forming and pouring concrete to create the building's foundation.

STEEL ERECTOR

A Steel Erector installs steel beams, joists, girders and crossbeams, which form the framework of the building. The steel pieces they help construct are usually welded or bolted together.

MASON

The Mason cuts, prepares and lays bricks, stones and blocks on the building.

GLAZER

The Glazer installs windows, mirrors and glass throughout the building. They also install the window frames in which the glass is set.

CONCRETE FINISHER (SLAB ON GRADE)

A Concrete Finisher is a skilled tradesperson who works with concrete by placing, finishing, protecting and repairing concrete. They are responsible for forming and pouring concrete to create the building's concrete floor called the slab.

ROOFER

A Roofer concentrates on the application of materials that waterproof and weatherproof the building. The roofing materials are installed on the rafters, beams and trusses that frame the roof.

CARPENTER

Carpenters perform sawing, nailing, layout and framing of the walls of the building with wood or metal studs. Carpenters also hang drywall throughout the building. Later on in the project, they install cabinets and trim.

PAINTER

The Painter prepares and paints the walls and ceilings of the building. They can also hang wallpaper and paint trim in the building.

FLOORING INSTALLER

The Flooring Installer inspects and cleans the floor in preparation for materials. They then cut the flooring materials, such as wood floor or carpet, and glue them to the floor for installation.

ELECTRICIAN

An Electrician wires power throughout the building. They install the outlets throughout the room and the light fixtures overhead. They also provide electricity to the equipment.

PLUMBER

A Plumber installs pipes of water, gas or drainage in the building. They install the water fixtures such as sinks and toilets.

FACILITY MANAGER

After the construction project is complete and the building is open for use, the Facility Manager takes over. They maintain the building and grounds and manage any building maintenance for items like heating and air conditioning systems.

ANSWER SHEET

1



ARCHITECT

2



DRAFTER

3



SURVEYOR

4



SAFETY MANAGER

5



EXCAVATOR

6



CONCRETE FINISHER: FOUNDATIONS

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STEEL ERECTOR

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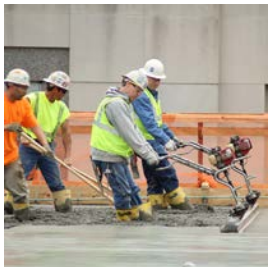
MASON

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GLAZER

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CONCRETE FINISHER: SLAB ON GRADE

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ROOFER

12



CARPENTER

13



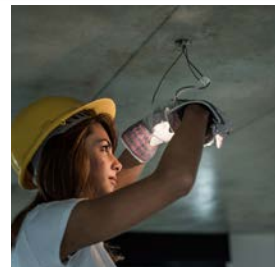
PAINTER

14



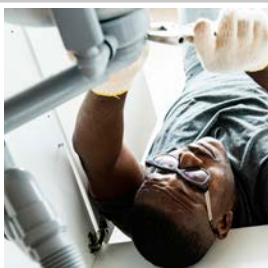
FLOORING INSTALLER

15



ELECTRICIAN

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PLUMBER

17



FACILITY MANAGER