

# Discover different jobs in the exciting world of construction!

Construction is all about building amazing things like light rail tracks and stations, roads, schools, hospitals, and parks. Here are some cool jobs you can find in light rail construction.



## Transport Designer

Creates detailed plans and designs for infrastructure.



## Engineer

Plans how to build structures so they are strong, safe and meet the needs of the community.



## Construction Worker

Uses tools to build and fix things on the site.



## Electrician

Installs and repairs electrical systems to provide power to traffic lights and light rail vehicles.



## Plumber

Fixes pipes and makes sure water and waste flows where it should.



## Carpenter

Builds and repairs wooden structures like frames and furniture.



## Surveyor

Measures land to help plan where infrastructure and services will go.



## Safety Advisor

Ensures everyone follows safety rules and stays safe on the job.



## Crane Operator

Operates big cranes to lift and move heavy materials.



## Environmental Advisor

Makes sure construction projects are friendly to the environment – our land and its creatures.



## Contract Manager

Looks after the agreements between different companies working on a project to ensure everything runs smoothly and stays on budget.

**Reach out to the Stage 3 Community Team at [contact@gclr3.com.au](mailto:contact@gclr3.com.au) with your questions about roles or to book an in-classroom presentation to discover more about the exciting world of construction?**

# Build and role play!

## Activity 1: Take on a role and create your own mini city!

**Objective:** Students will take on different construction roles and act out scenarios to understand the responsibilities and teamwork involved in designing and building a mini city.

### Materials needed

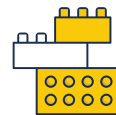


#### Role cards



#### Craft materials

Cardboard boxes, paper, scissors (under adult supervision), coloured pens or pencils, and tape or glue.



#### Props

Toy tools, hard hats, safety vests, cars, construction vehicles, buses and trams.

### Steps

1

#### Step 1 - Make your role cards

Cut out each role on the front of this flyer.

2

#### Step 2 - Assign roles

Decide who will be the architect, engineer, construction worker, etc.

3

#### Step 3 - Design

Draw a plan of your mini city on paper. Think about where you want to place buildings, roads, tram tracks, and parks.

5

#### Step 5 - Decorate

Use markers or crayons to add windows, doors, and other details to your buildings.

4

#### Step 4 - Build

Use lego and/or cardboard boxes to create buildings or elements of a park and pipe cleaners for tram tracks. Cut and shape them, then glue or tape them together.

6

#### Step 6 - Arrange

Place your buildings on a flat surface to create your city. Add roads, parks, and tram tracks using paper or other materials.

7

#### Step 7 - Safety check

Have the safety advisor check the structure to make sure it's safe!

8

#### Step 8 - Play

Use small toys or figurines to bring your mini city to life!



**Share your students' creation!** Take a picture of your mini city and role play fun, and share it with the Stage 3 team at [contact@gclr3.com.au](mailto:contact@gclr3.com.au).

**Stay safe and have fun!**