Careers from A to Z:
Tomas the Theme Park Architect

ROZZY
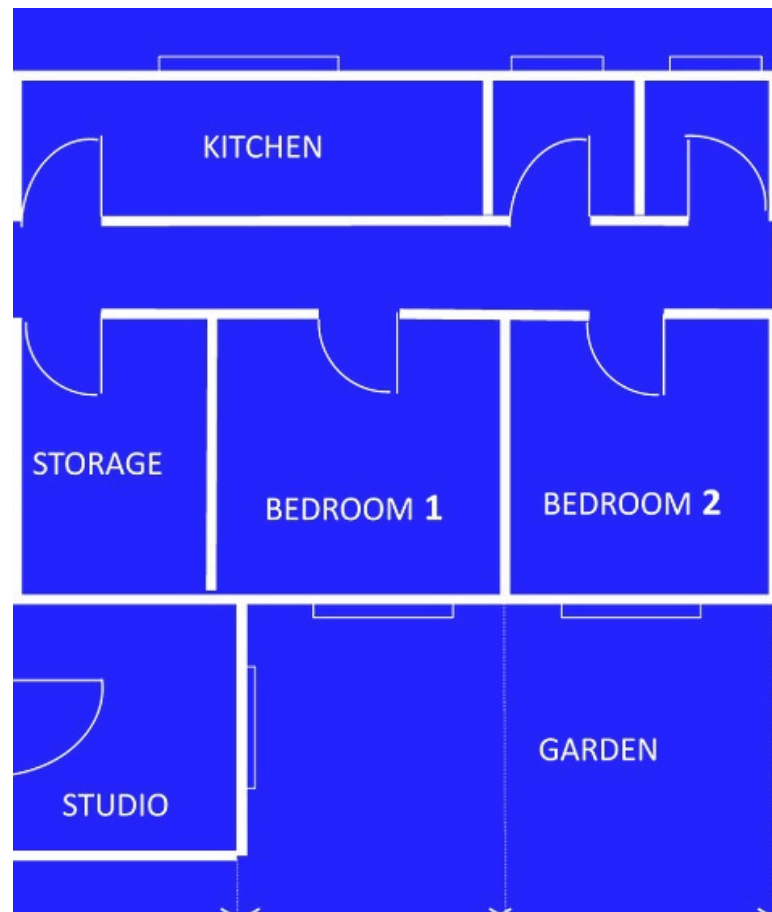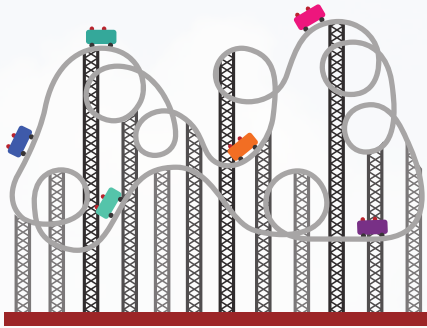LEARNING COMPANY

WHO IS TOMAS?

Tomas is a theme park architect. An architect is a person who designs buildings and structures. Architects decide what buildings will look like and what materials to build with. Theme park architects also make sure buildings are safe and won't fall apart. Some architects work at theme parks. Doesn't that sound like fun? Theme park architects are in charge of designing rides, water slides, and other buildings (like bathrooms and restaurants). Theme park architects also have to make sure that rides are safe and fun.

WHAT IS A BLUEPRINT?

After architects come up with an idea, they sketch them out on a **blueprint** before they start building. A blueprint is a drawing of what a building will look like. The blueprint to the right shows the inside of a house. Why do you think architects draw blueprints first? Architects draw blueprints first so they can get feedback from other architects. Can you imagine if you built a giant roller coaster and then realized you needed to change something?

KITCHEN

STORAGE

BEDROOM 1

BEDROOM 2

STUDIO

GARDEN

Fun Facts about Roller Coasters

In England, there is a roller coaster that has 14 loops! How cool to be the architect that designed this roller coaster!

The fastest roller coaster is located in Abu Dhabi and goes 149 miles per hour! Architects had to figure out what materials can handle this speed! Would you like to be the architect that tests this roller coaster out?

Architects have come up with some cool roller coaster themes, like mummies, cheetahs, and zombies.

In 2012, a guy rode a roller coaster for 112 consecutive days, setting the world record! That sounds like fun, but when did he eat lunch or dinner?

IT'S YOUR TURN!

Create a blueprint of a roller coaster for a new theme park.

Step 1: Circle which theme you want to have for your roller coaster:
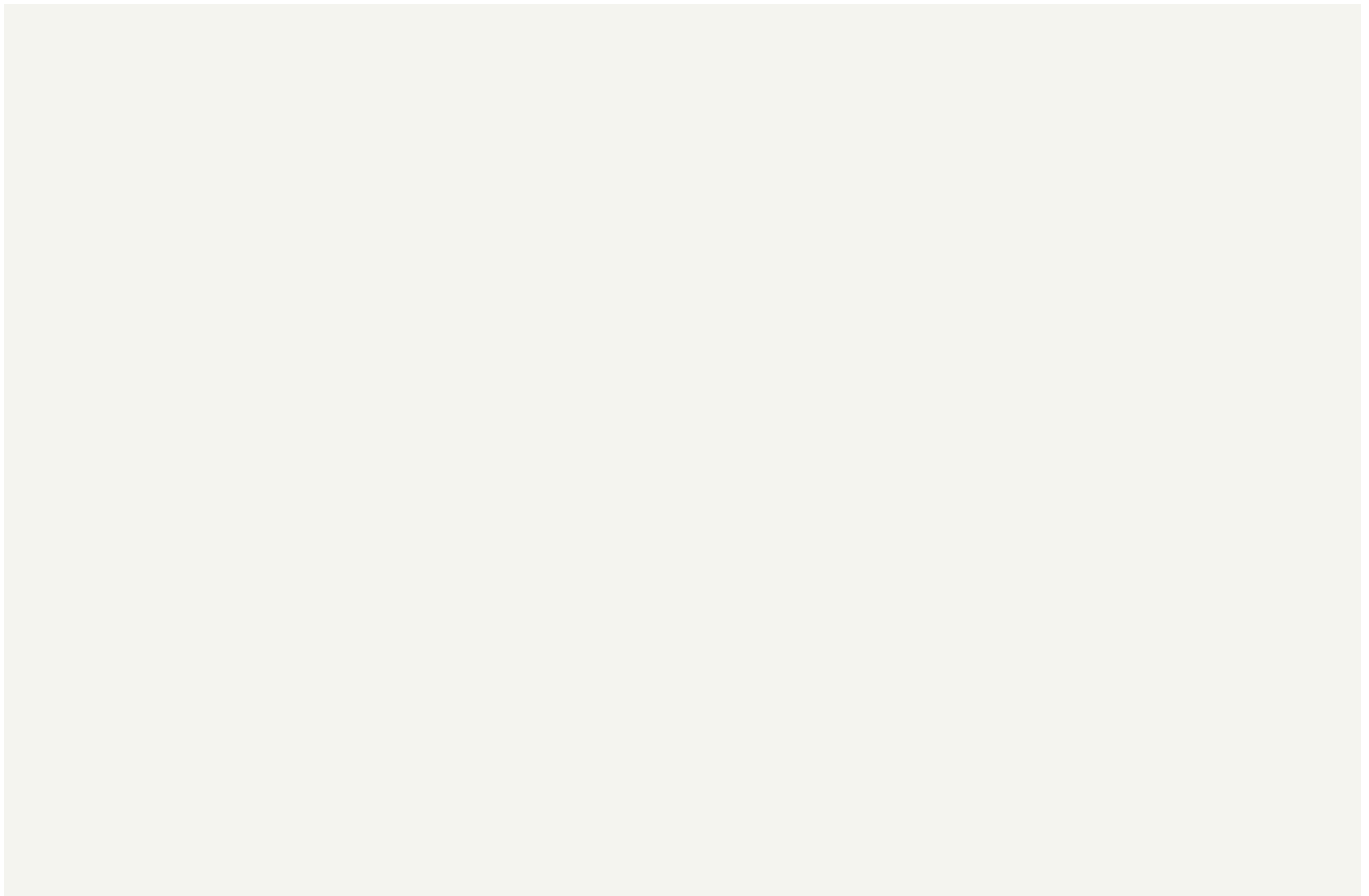
Jungle Animals   Candy   Your Choice: _____

Step 2: Draw a blueprint of your roller coaster. Remember, blueprints are given to the builders so make sure you use a lot of detail and labels on your blueprint. Also, make sure your roller coaster reflects the theme!

Check off when you add these details to your blueprint!

____ 2 loops   ____ 3 large hills   ____ 2 turns   ____ Start and end station   ____ A special feature!