Alice and Bettina became friends in their university’s master’s engineering program, and soon discovered that they were both inspired to pursue engineering by childhood toys. To help inspire the next generation of innovators, Alice and Bettina designed Roominate®!
My name is Emma, and I’m ready to build and play at the café!

**ABOUT EMMA**
Favorite Activities: Camping and rock climbing  
Favorite Foods: S’mores and corn on the cob  
Favorite Project: I built my own microscope!  
Favorite Scientist: Barbara McClintock  
Fun Fact: I love the color pink because it’s so bright and cheery!  
I Want to Be: A biologist so that I can discover ways to cure genetic diseases and use forensics to help solve crimes!

Hi there! I’m Bettina and I love working in my café. Are you ready to design an awesome one for me?

**ABOUT BETTINA**
Favorite Activities: Making ice cream, programming games on my laptop, and playing with Alice and her dog Harrie at the park!  
Favorite Foods: Pasta and pie!  
Favorite Project: Engineering my own computer!  
Favorite Scientist: Grace Hopper  
Fun Fact: I love making jewelry using my soldering iron!  
I Want to Be: An electrical engineer so that I can design medical devices, toys and automatic pasta maker. Oh, and rocket ships, too!

**BUILD the Café, table and chair!**

1. **Use your motor to WIRE a fan**  
   (You’ll need 2 AAA batteries).

2. **Use the screwdriver to**  
   **screw the top back.**

3. **Use the screwdriver to**  
   **unscrew the top off of**  
   **the battery pack**  
   **and put inside.**

4. **Match + on the batteries to + on the**  
   **battery pack and put inside.**

5. **Use your motor to WIRE a fan**  
   **(You’ll need 2 AAA batteries).**

6. **Connect red to red, and blue to blue. By**  
   **plugging the matching wires together.**  
   **It**  
   **ensures the fan turns counterclockwise.**  
   **If you plugged red to blue, the motor would rotate the other way!**

7. **Do not aim at eyes or face.**

8. **Actual color of pieces in**  
   **your set may be different**  
   **from those shown here.**  
   **Also, there’s more than one way to build your Café; we’ve just shown you one way here, but you can get creative and try your own way!**

9. **Connect your circuits to rPower**  
   **to control them remotely from a**  
   **smartphone or tablet!**
   
   *Sold separately.

**IMPORTANT BATTERY SAFETY INFORMATION**
- Adult supervision is recommended when changing batteries.  
- Non-rechargeable batteries are not to be recharged  
- Rechargeable batteries are to be removed from the toy before being charged.  
- Rechargeable batteries are only to be charged under adult supervision.  
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.  
- Do not mix old and new batteries.  
- Use batteries of the same or equivalent type as recommended.  
- Batteries are to be inserted with the correct polarity.  
- Exhausted batteries are to be removed from the toy.  
- The supply terminals are not to be short-circuited.  
- Dispose of battery(ies) safely.  
- Batteries may explode or leak if disposed of in a fire.  
- The toy is not to be connected to more than the recommended number of power supplies.

**Collect all of the dolls, pets and Roominate® kits!**