

Day 2: Turning Around - Left and Right

Date: _____

Today's Mission

Learn to make the turtle turn left and right!

New Commands:

- **RIGHT 90** (or **RT 90**) - Turn turtle right
 - **LEFT 90** (or **LT 90**) - Turn turtle left
 - Remember: 90 = quarter turn!
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Let's Start!

Step 1: Review Yesterday

- ☐ Open FMSLogo and type **CS**
- ☐ Type **FD 100** - remember this?
- ☐ Watch the turtle draw a line going up

Step 2: First Turn

- ☐ Type **RT 90** and press ENTER
- ☐ Notice the turtle turned but didn't move!
- ☐ Now type **FD 100** and press ENTER
- ☐ Cool! The line goes right now! ➡

Step 3: Try Left Turns

- ☐ Type **CS** to start fresh
 - ☐ Try this: **FD 50**, then **LT 90**, then **FD 50**
 - ☐ What shape did you make?
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Challenge Time! ☆

Easy:

- Make a "staircase": **FD 30**, **RT 90**, **FD 30**, **LT 90**, **FD 30**
- Try a smaller turn: **RT 45** then **FD 100**

Hard:

- Can you make the turtle face straight down? (Hint: try **RT 180**)
 - Make four connected lines using only right turns
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Think About It 🤔

- 1. What happens when you type RIGHT or LEFT?
- 2. How many right turns to face the same way again?
- 3. Where do you see corners like this around you?

My Work Today:

What I learned: _____

My favorite shape: _____

Something cool I made: _____

Rating: ☆☆☆☆ (circle the stars!)

Completed: ☐ **Date:** _____

Share Your Work!

Send your code to Dad: Copy all the commands you used today and send them in a message! Example:

```
CS
FD 50
RT 90
FD 50
```

My commands: