

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_



# Super Cells

## STEM Sims

### Lesson 1: MP3 Charge

MP3 players have become super portable and consume less energy than bulkier electronics. But which battery type lasts the longest?

### Doing the Science

1. Start the Super Cells Simulation by clicking on the “Sim” tab.
2. Click on the MP3 player on the left of the top shelf.
3. Click on Battery A and click the Test button.
4. Next, record the cost, type, and mWh in the Table below.
5. Repeat steps 3 and 4 for each battery until you’ve completely filled out Table 1.

**Table 1.**

Battery	Cost (\$)	Battery Type	mWh	Battery	Cost (\$)	Battery Type	mWh
A				N			
B				O			
C				P			
D				Q			
E				R			
F				S			
G				T			
H				U			
I				V			
J				W			
K				X			
L				Y			
M				Z			

### Do You Understand?

1. For the MP3 player, which battery lasts the longest? The shortest?