





Name: \_\_\_\_\_

# CODING WITH NOVA STEAMSTEEN!


Hi! I'm Nova SteamSteen! I love all things science, technology, engineering, art, and math! Today, let's work on coding! Coding is writing step-by-step instructions to tell computers, phones, tablets, and even rockets, what to do.

		→


**Forward** makes me move forward a number of steps.

		
	↓	

**Down** makes me move down a number of steps.

	↑	
		

**Up** makes me move up a number of steps.

						<b>A</b>
			<b>O</b>			
	<b>N</b>					
					<b>V</b>	

The lists of commands below are called programs. Follow each program to help Nova get from one letter to the next.

**Program 1**

Forward 1  
Down 2

Write the letter that you reached in this box.

**Program 2**

Forward 2  
Up 2

Write the letter that you reached in this box.

**Program 3**

Forward 1  
Down 3  
Forward 1

Write the letter that you reached in this box.



**Program 4**

Forward 1  
Up 5

Write the letter that you reached in this box.



That was out of this world! Try cracking this code for an extra special challenge!

	T								
				M					N
S					S				
		E						E	
			A			T			
									
							E		

Use the commands **forward**, **down**, or **up** to write a program that gets Nova to the letter **A**.

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Use the commands **forward**, **down**, or **up** to write a program that gets Nova from the letter **A** to **Zapp von Doubler**.

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