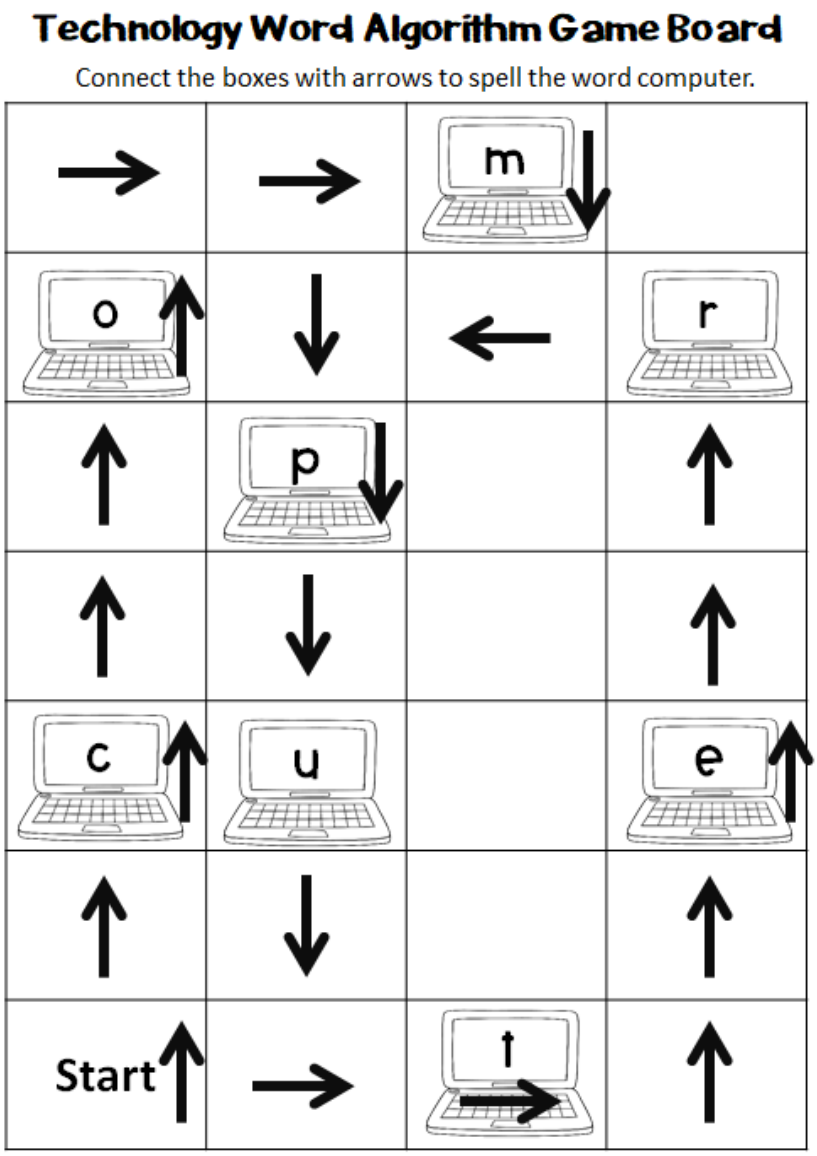
Technology Words on Algorithm Game Boards

Created by Deirdre Smith

Clip Art from



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How to Build Algorithms on the Game Boards

There are a number of ways your children can complete an algorithm on all the game boards.

- **The first thing they will need to do is figure out what path they will use to connect the word Start to the last letter of the word. Most boards have more than one way to successfully build the algorithm.**

- **Before you have them work on their own, you will want to walk them through creating the first few steps on their board.**

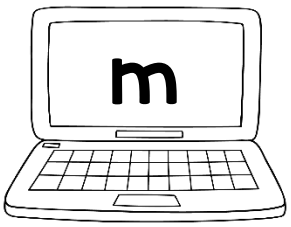
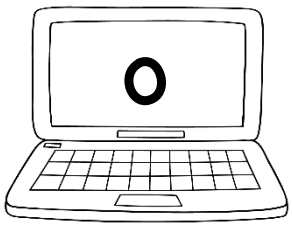
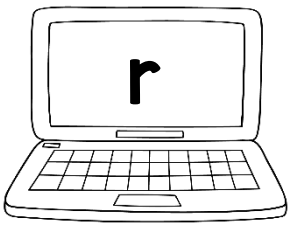
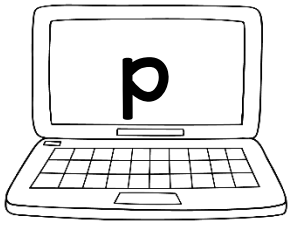
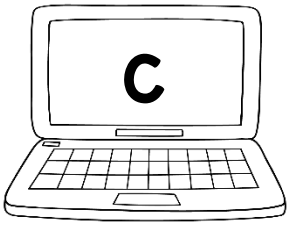
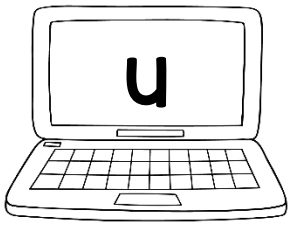
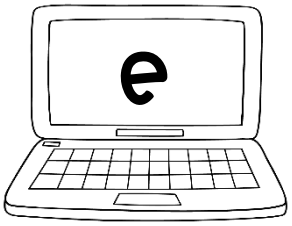
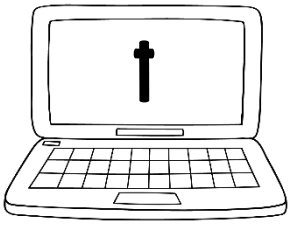
- **They will need to decide which way to go to leave the Start box. Then they will draw or place an arrow pointing the direction they will need to go to leave the box. Next, they will decide what direction they will need to go to move from that box to the next. They will continue to build their path with arrows until they reach the last letter of the word.**

- **Some children may need to build a full algorithm path with you or a partner before they work on their own.**

- **When they have completed their algorithm, please have them tell you what it is. You may also want them to tell you why they chose the path they did**.

Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word computer.

			
			
			
			
Start			

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Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word computer.

→	→	m ↓	
o ↑	↓	←	r
↑	p ↓		↑
↑	↓		↑
c ↑	u		e ↑
↑	↓		↑
Start ↑	→	t →	↑

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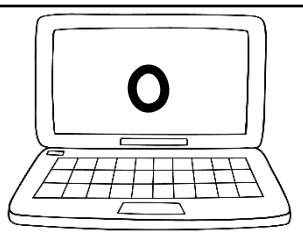
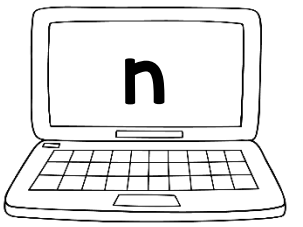
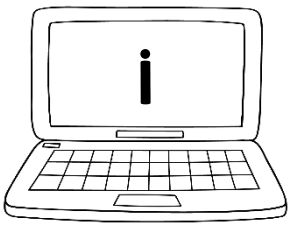
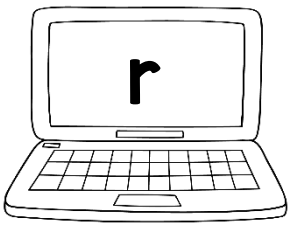
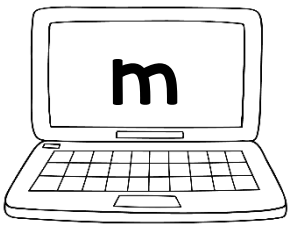
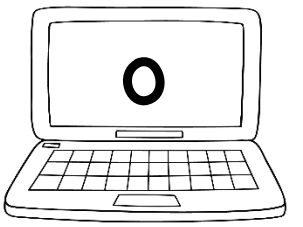
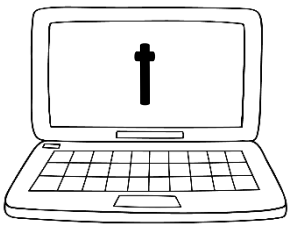
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word monitor.

			
			
			
			
			
Start			

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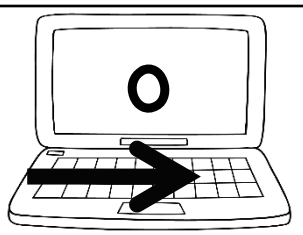
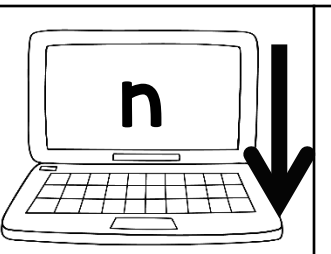
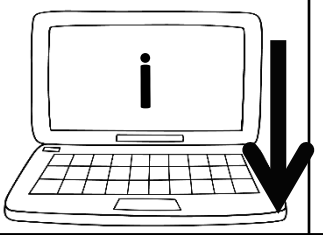
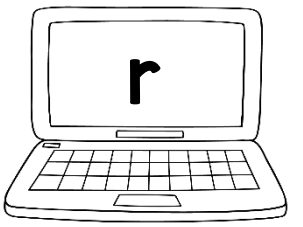
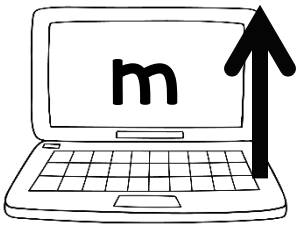
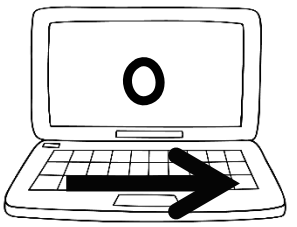
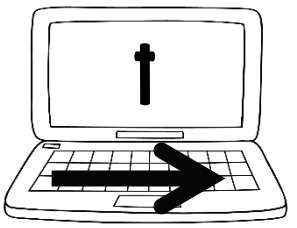
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word monitor.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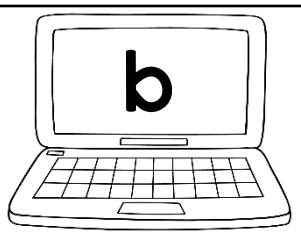
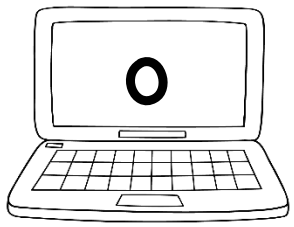
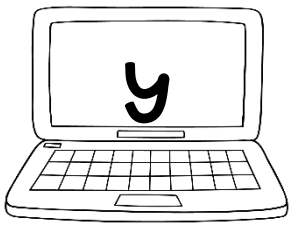
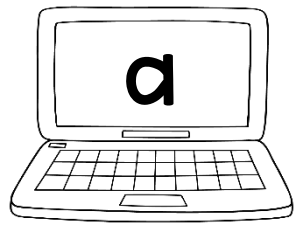
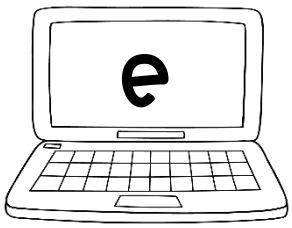
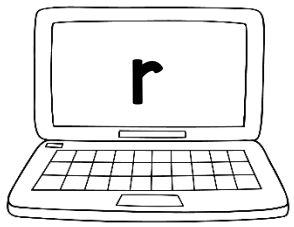
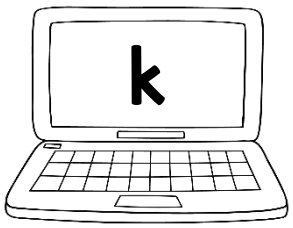
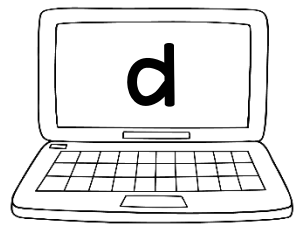
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word keyboard.

			
			
			
			
			
Start			

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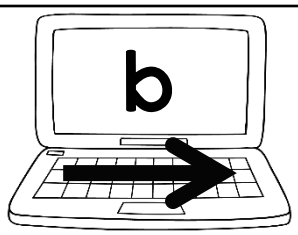
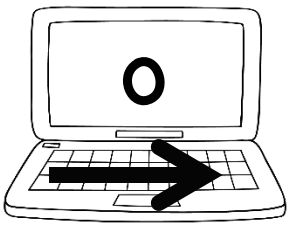
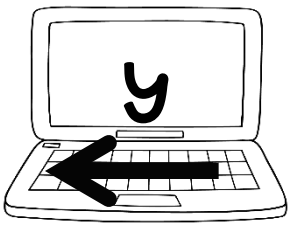
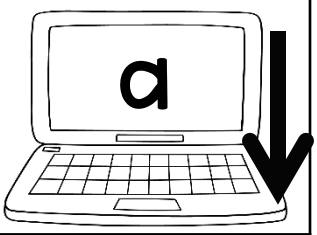
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word keyboard.

	→		↓
↑			
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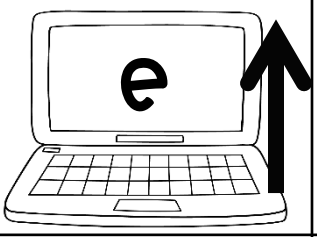
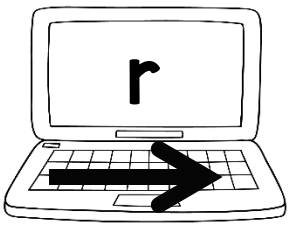
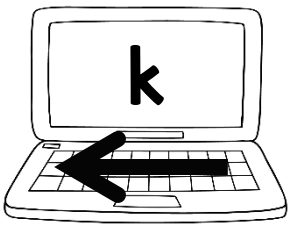
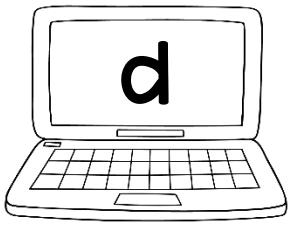
		↓	
↑			↓
↑			↓
Start →	↑		

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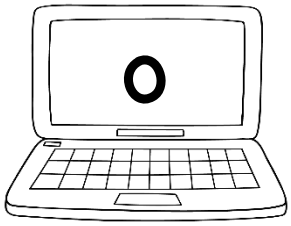
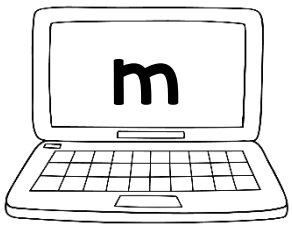
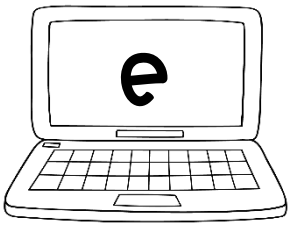
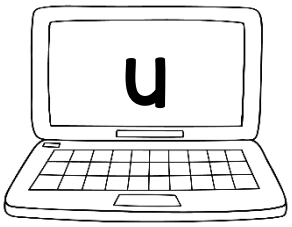
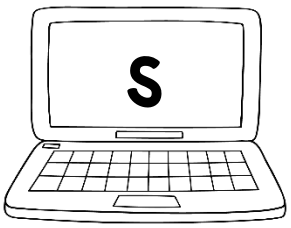
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word mouse.

			
			
			
Start			

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Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word mouse.

→	o ↓		
↑	↓		
↑	↓		
m ↑	↓		e
↑	u		↑
↑	↓		↑
Start	→	s →	↑

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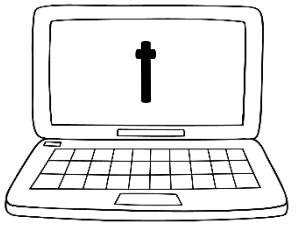
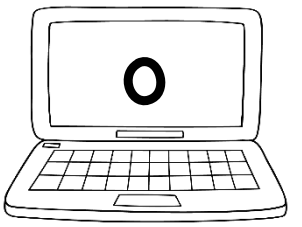
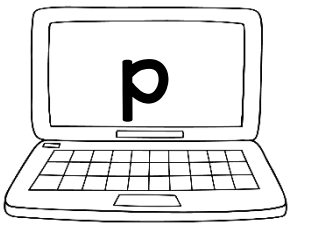
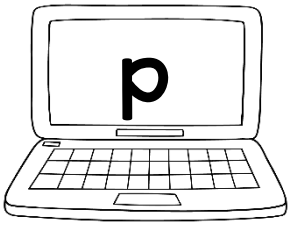
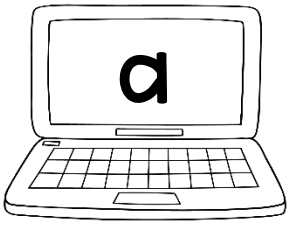
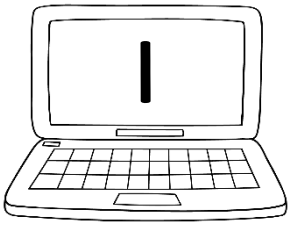
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word laptop.

			
			
			
			
			
Start			

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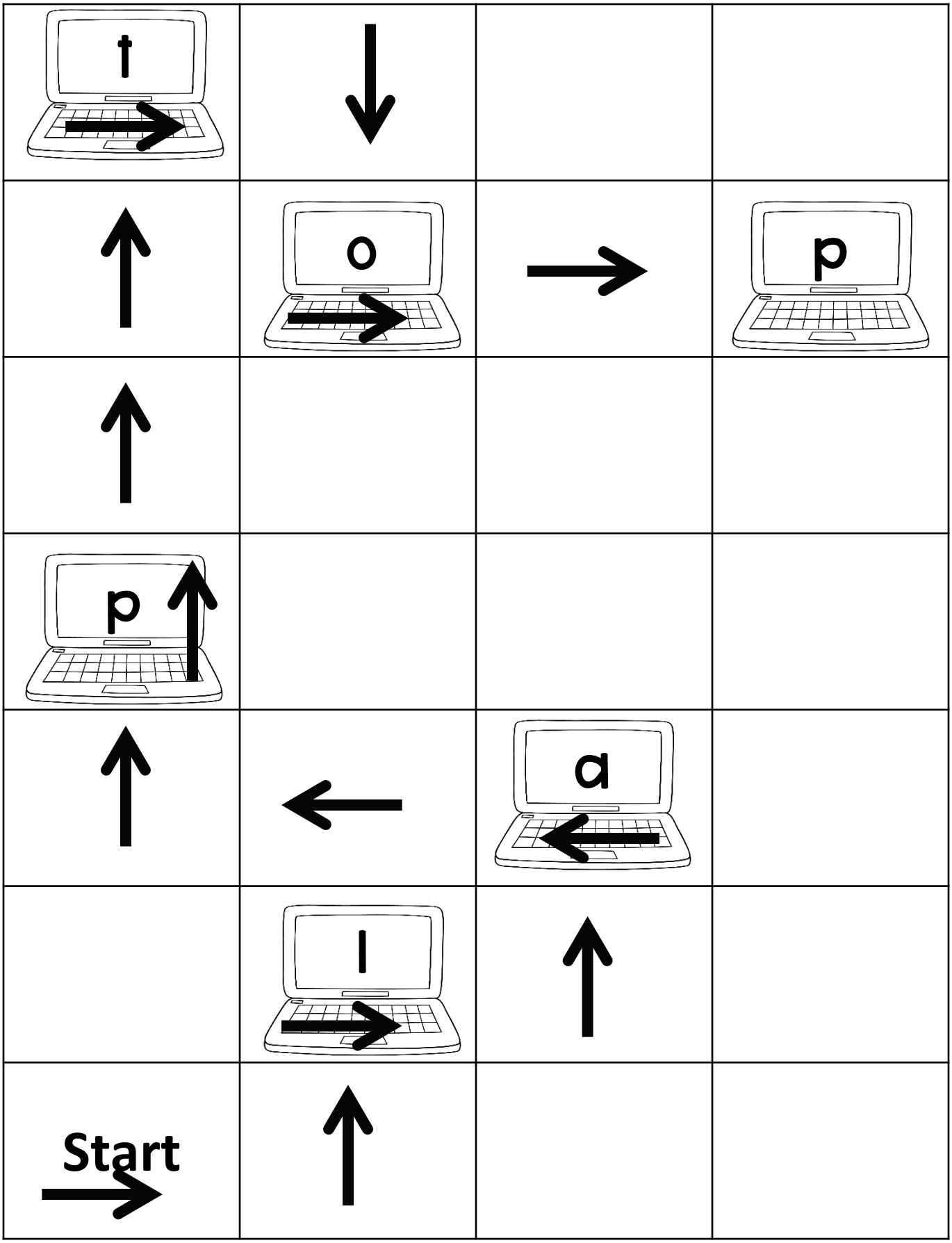
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word laptop.



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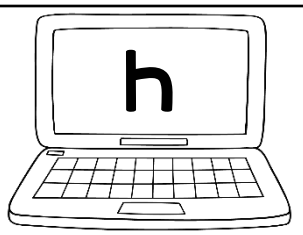
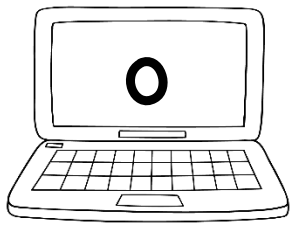
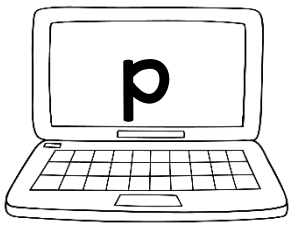
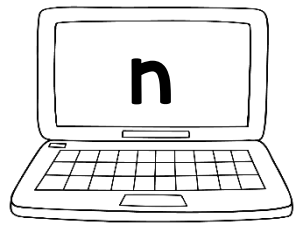
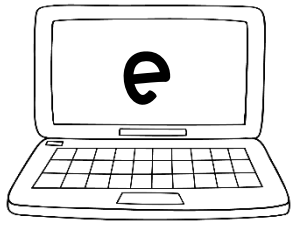
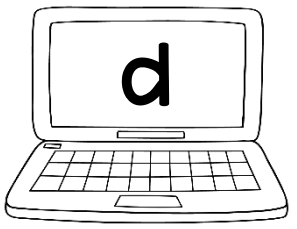
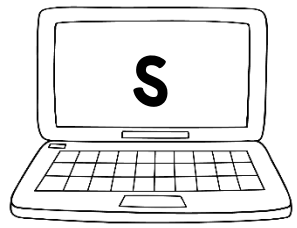
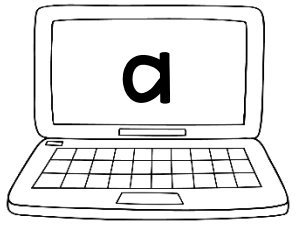
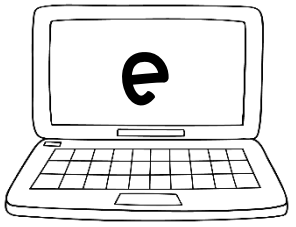
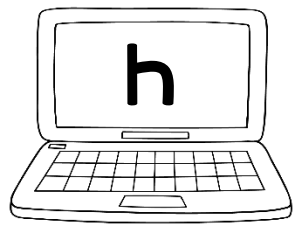
Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word headphones.

			
			
			
			
			
			
Start			

Created by JDaniel4smom.com

Technology Word Algorithm Game Board

Connect the boxes with arrows to spell the word headphones.

h	→	o	↓
↑	p ←	↓	n ←
→	↑	e →	↓
d ↑	←	←	s
	→	a ↑	
	e ↑	←	←
Start →	→	→	h ↑

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