

Offline Coding Academy


















Scarecrow Algorithm Game Boards

Created by Deirdre Smith of JDaniel4's Mom

Name: _____

Scarecrow Algorithm Game Board

Connect the boxes to go around the scarecrow.



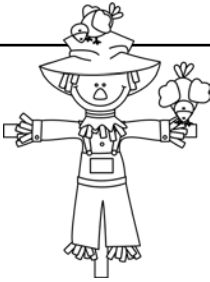
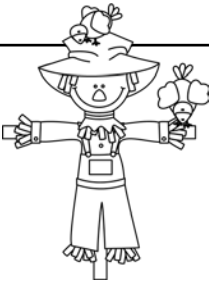




| | | | |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  | |  | End |
| | |  |  |
| |  |  |  |
| |  |  | |
|  |  |  | |
|  |  | | |
| Start  |  |  | |

Created by JDaniel4smom.com

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | | |
| |  | | |
| | | | End |
| |  |  | |
| |  |  | |
| | | | |
| Start |  | |  |

Name: _____

Scarecrow Algorithm Game Board








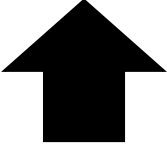
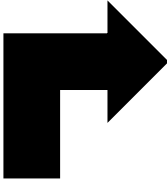
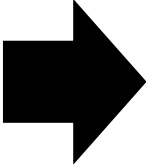
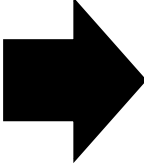




Connect the boxes to go around the scarecrow.

| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | | |
| |  | | |
| | | | End |
| |  |  | |
| |  |  | |
| | | | |
| Start |  | |  |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | | |
| |  | | |
| | | | End |
| |  |  |  |
| |  |  |  |
|  |  |  |  |
| Start  |  | |  |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | End |  |
| |  | | |
| | | |  |
| | | | |
|  | | | |
|  | |  | |
| Start | | |  |

Name: _____

Scarecrow Algorithm Game Board





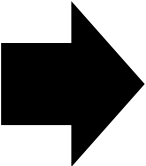











Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | End |  |
| |  | | |
| | | |  |
| | | | |
|  | |  | |
|  | | | |
| Start | | |  |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrows.

| | | | |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | | End |  |
| |  |  | |
| |  |  |  |
| |  | | |
|  |  |  | |
|  |  | | |
| Start  |  | |  |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  | | End |
| | | | |
| |  | |  |
| | | | |
| | |  | |
|  | | |  |
| Start | |  | |

Name: _____

Scarecrow Algorithm Game Board



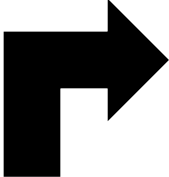
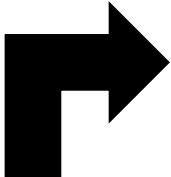
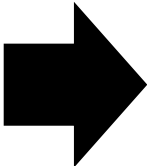






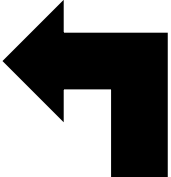







Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  | | End |
| | | | |
| |  | |  |
| | | | |
| | |  | |
|  | | |  |
| Start | |  | |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrows.

| | | | |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  | End |
|  |  |  | |
|  |  | |  |
|  | | | |
|  |  |  | |
|  |  | |  |
| Start  |  |  | |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  | End |
| | | | |
| |  | |  |
| | | | |
| |  | | |
| | | |  |
| Start | |  | |

Name: _____

Scarecrow Algorithm Game Board




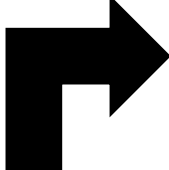







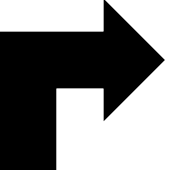





Connect the boxes to go around the scarecrow.

| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  | End |
| | | | |
| |  | |  |
| | | | |
| |  | | |
| | | |  |
| Start | |  | |

Name: _____

Scarecrow Algorithm Game Board








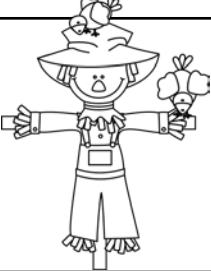
Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  | End |
| | |  |  |
| |  |  |  |
| | |  | |
| |  |  | |
| |  |  |  |
| Start  |  |  | |

Name: _____

Scarecrow Algorithm Game Board









Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | |  | End |
| | | | |
| |  | |  |
| | | | |
|  | |  | |
| | | | |
| Start |  |  | |

Name: _____

Scarecrow Algorithm Game Board



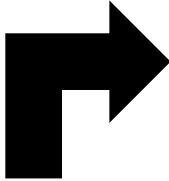




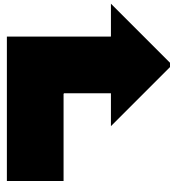




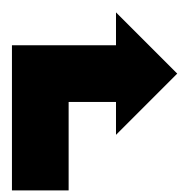




Connect the boxes to go around the scarecrow.

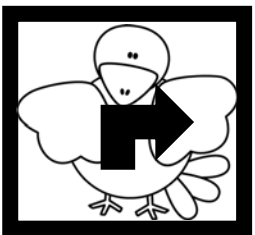
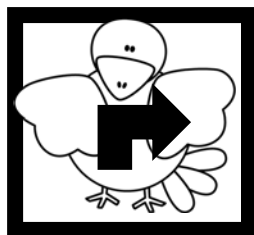
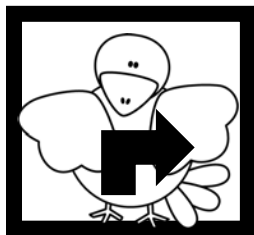
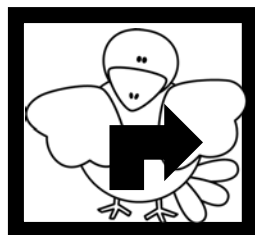
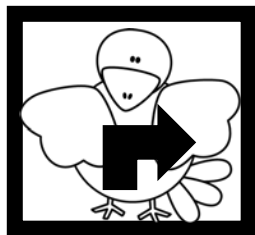
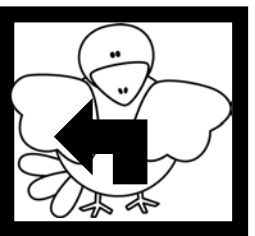
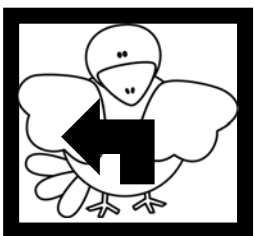
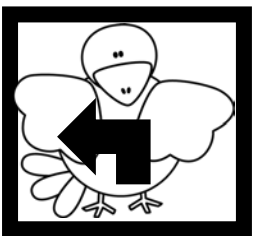
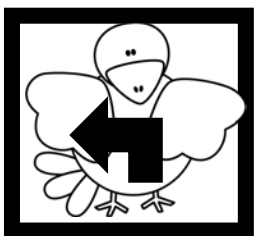
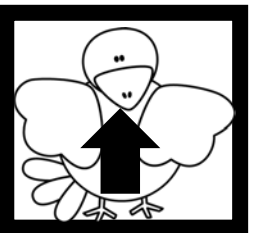
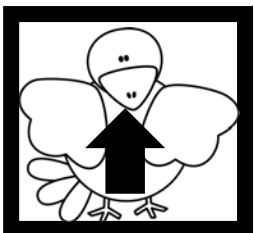
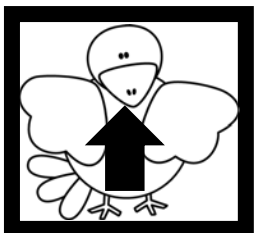
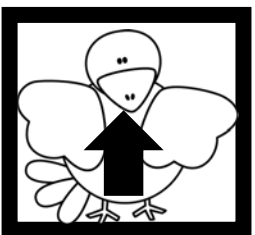
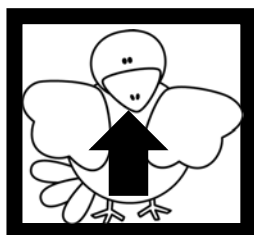
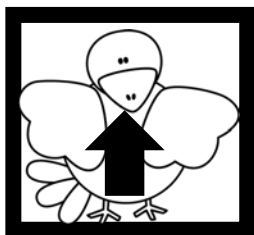
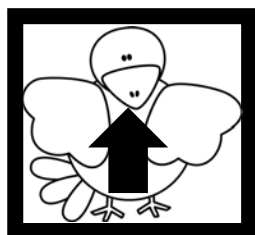
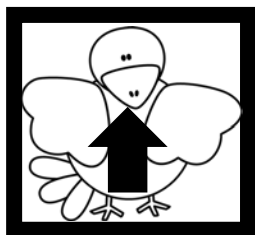
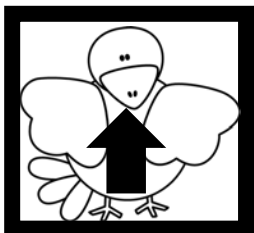
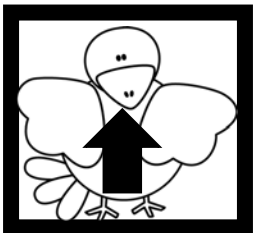
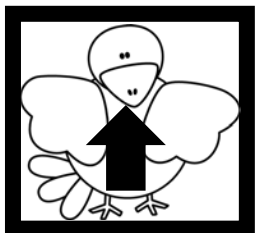
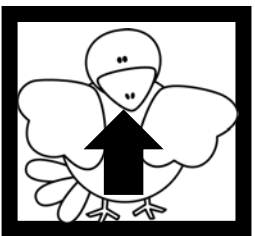
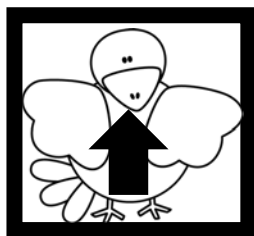
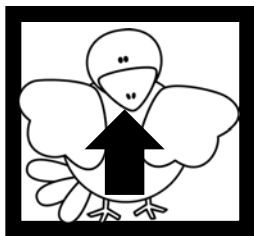
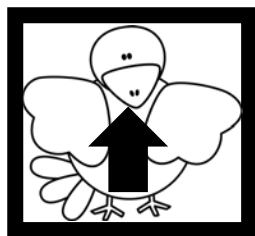
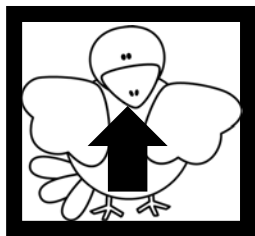
| | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | |  | End |
| | | | |
| |  | |  |
| | | | |
|  | |  | |
| | | | |
| Start |  |  | |

Name: _____

Scarecrow Algorithm Game Board

Connect the boxes to go around the scarecrow.

| | | | |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | |  | End |
| | |  |  |
| |  |  |  |
| |  |  | |
|  |  |  | |
|  |  | | |
| Start  |  |  | |



How to Build Algorithms on These Game Boards

- There are a number of ways your children can complete the algorithm on each of the game boards.
- Your children will need to create a path with arrows that begins with the word Start and stops at the word End.
- The path will need to go around the scarecrows.
- Before they work on their own, you will want to go through the first few steps with them. That will insure they know what they need to do.
- They will need to first decide what direction they will need to go to leave the Start box and head around next scarecrow. They will draw or place an arrow in the Start box that points in the direction they need to go. Next, they will decide what direction they need to go to move to next to box. That box will need an arrow drawn or placed in it.
- When they are finished have your children explain their algorithm to you.
- The answer key only features one of the possible algorithms for a given board.



Thank you for this downloading this set. I hope your children enjoy this JDaniel4's Mom resource.

You will find updates on my latest tools on the following:

Instagram: <https://www.instagram.com/jdaniel4smom>

Facebook: <https://www.facebook.com/jdaniel4smom/>

Twitter: <https://twitter.com/jdaniel4smom?lang=en>

Pinterest: <https://www.pinterest.com/jdaniel4smom>

What is in the set?

- 5 Black and White Game Boards
- 5 Color Game Boards
- 5 Answer Keys
- 1 Set of Printable Arrows

Clip Art From

