

SPS Literacy and Computational Thinking Midterm Test

Group H Paper 1

Name _____

Turn off oven

Grease baking tray

Butter

Put cookie dough on tray and bake

Eat and enjoy!

Mix ingredients

Heat oven

350 F

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Match the word with the correct definition

Persistence

Bug

Sequence

Drop

Double-Click

Algorithm

Respectful

A list of instructions that tells a computer what to do

Using good manners, being kind, and treating others the way you want to be treated

Press the mouse button twice very quickly

Not giving up

An error in an algorithm

Release your mouse button to "let go" of an item that you are dragging

The order in which a list is given

Select the correct answer.

1. What can you do when you are frustrated? (Select all the ones that are correct.)
 - a. Throw your work in the bin
 - b. Count slowly from 1 to 10
 - c. Ask for help
 - d. Hit another child
2. In computer programming, debugging is
 - a. Stepping on a roach
 - b. Spraying but spray to get rid of ants
 - c. Clicking your mouse button quickly two times
 - d. Finding and fixing errors in an algorithm
3. Being _____ is doing the things you are supposed to do and not doing things you are not supposed to do.
 - a. Responsible
 - b. Username
 - c. Parameter
 - d. Repeat
4. _____ can help you be persistent in finishing a difficult task.
 - a. Keeping track of what you already tried
 - b. Sending the computer out the window
 - c. Quitting
 - d. Giving up



5. What word is missing?
 - a. Love
 - b. Learning
 - c. Listen
 - d. Lajay

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Debug these Algorithms!

What comes next?



Instructions For Teachers Only

"Play with these blocks and try to get me to the pig!"

Blocks

N ↑

S ↓

E →

W ←

repeat 3x

when run ▶

W ←

W ←

Run Step

See a solution

A



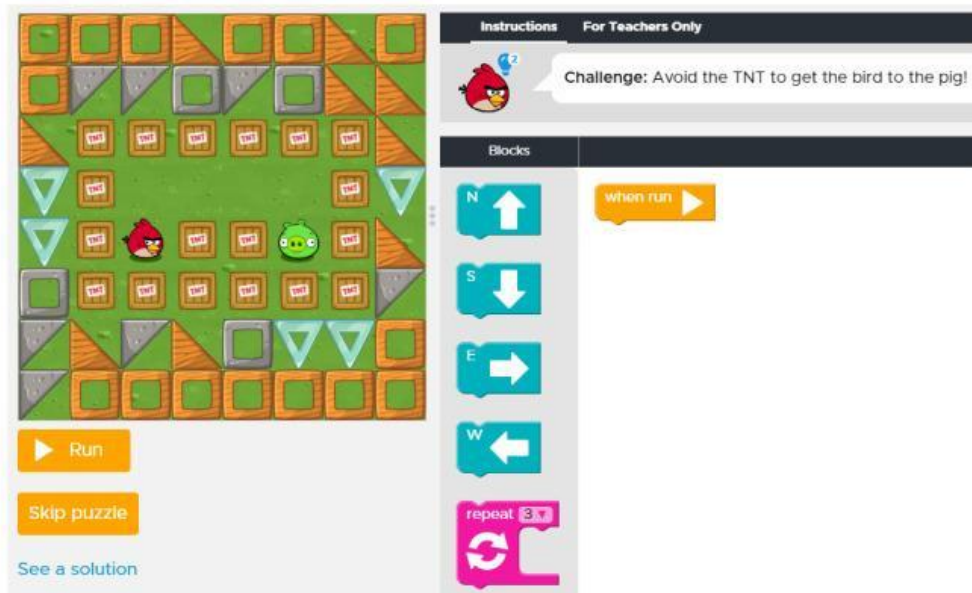
B



C



Which one is correct?



Instructions For Teachers Only

Challenge: Avoid the TNT to get the bird to the pig!

Blocks

N ↑

S ↓

E →

W ←

repeat 3x

when run ▶

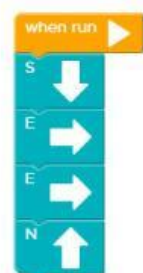
Run Skip puzzle

See a solution

A



B



C



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Debug these Algorithms!

What should you put inside the repeat loop block?

Instructions For Teachers Only

Now the harvester needs to pick corn two times!

Blocks

pick

N ↑

S ↓

E →

W ←

repeat 3

when run

E →

E →

repeat 2

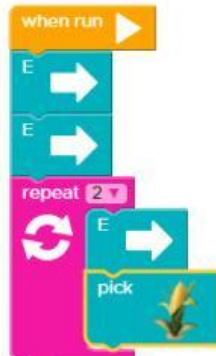
Run Step

[See a solution](#)

A



B



C

