

Peanut Butter and Jelly Worksheet

Writing Pseudocode and Converting to Code

Instructions to Student:

- 1) You need to give instructions to make a peanut butter & jelly sandwich
- 2) Use the first column, to write pseudocode for your instructions
- 3) Use the second column to convert this pseudocode into code using the commands below
- 4) Tip: Code follows the pattern **HAND-ACTION-RESOURCE**, You may need more than one page of code to make your sandwich
- 5) Now trade instructions and make the sandwich. Who comes closest to a peanut butter jelly sandwich on a plate, set on a table?

Code

HAND

Left Hand = LH

Right Hand = RH

ACTION:

Move To = MT

Grab = GR

Drop = DR

Rotate = RT

RESOURCE:

Peanut Butter Jar = PJ

Peanut Butter Lid = PL

Peanut Butter Contents = PC

Bread Bag = BB

Bread Seal = BS

Bread Contents = BC

Bread Slice = BS

Jelly Jar = JJ

Jelly Lid = JL

Jelly Contents = JC

Knife = KN

Spoon = SP

Plate = PL

Table = TB

Sample Pseudocode and Code:

Pseudocode: Left Hand reaches for peanut butter jar

Code: LH_MT_PJ

Pseudocode: Right hand grabs the knife

Code: RH_GR_KN

How to make a peanut butter and jelly sandwich

	Pseudocode	Code
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How to make a peanut butter and jelly sandwich

	Pseudocode	Code
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How to make a peanut butter and jelly sandwich

	Pseudocode	Code
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