

Activity 3.3a - Pasta Feature Space

Step 1:

Describe the features of the pastas that have been given to you. Fill in the table with how you would describe them to a friend.

Spaghetti	Rigatoni	Ravioli	Lasagne

Step 2:

Develop a question that uses the features from Part 1 that will split the 4 pastas into two equal groups. Write your question that you come up with in the box below.

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Step 3:

Open the Google Drawing your teacher provided to you, and place your question that you developed in Step 2 into the Root Node. This is the first rectangle at the top of the page.

What two pasta types went to your Yes child node?
What two pasta types went to your No child node?

Step 4:

If a node still has more than one pasta, use Google Draw to extend your tree, creating two new child nodes below it, each with its own yes and no paths.

Step 5:

Develop a new question that uses the features of the pastas left at that node to split the pasta into equal groups

What question did you use for your Yes node?
What question did you use for your No node?

Step 6:

If you did things correctly, you should have 4 nodes at the bottom of your page. Each node should only have one type of pasta. Type the name of that pasta into the node!