

Name:

Date:



Handwriting Recognition

Instructions: Use platforms like PictoBlox or Google's Teachable Machine to create a project where kids draw numbers, and the neural network identifies them.

1. Draw the Numbers:

- Draw the numbers 0-9 on plane cards; one number per card.
- Make multiple copies of each number using different writing styles eg. cursive.
- Capture these drawings using a webcam for training.

2. Label the Drawings:

- Write the number you drew next to each box.

3. Train the Model:

- Use the images you collected to train your model.

4. Test the Model:

- Draw new numbers and see if the model can recognize them.
- Record the results below.
- Calculate the accuracy of your model = (no. of correct answers / total number result) x 100. Round up your answer to one decimal place.

Test Number	Recognized as	Correct? (Yes/No)
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		

The accuracy of your model = _____ %