

Human Pictionary App

How to create the game

Contents

This pack contains:

- The instructions poster
- 15X15 grids
- 10X10 grids
- 5X5 grids
- Picture prompts with tear off cuts

Resources required

- Scrap paper (can be small)
- Pens
- Printed grids for each team

Preparation

Instruction poster

1. Print the **Instructions Poster** on A3 paper. (Black and white will suffice)

Grids (15, 10 and 5 sizes)

1. Print the grids on A4 paper, black and white. There are several different grids for different difficulty levels, there are different pictures to draw on the different grids.
2. Cut the grids up into individual grids

Picture prompts

1. Print the picture prompts on A4 paper, black and white.
2. Note that there are different picture prompts for the different grid sizes.
5 X 5: "The letter C" - "the number 9"
10 X 10: "Love Heart" - "the letter M"
15 X 15: "Tree" - "School"
3. Cut splits into the paper print outs of the picture prompts so they can easily be torn off (like posters with tear off phone numbers)
4. Give picture prompts to tutors so they can give out picture ideas to teams

Layout

Have active tutors dispersed throughout the room as indicated on the map of the room.

Each tutor needs:

tear off picture prompts to hand out to students

How to play

Kids learn how black and white images can be represented as binary.

1. Team decides the size of picture they want to draw, picks up a grid of that size (5X5, 10x10, 15x15).
2. Team gets a piece of paper from tutor (matching grid size) which has an image to draw written on it.
3. Team draws pixelated image on grid and writes their team name (or one member's name) on the grid
4. Team translate black and white pixels to 1's and 0's
5. Team gives 1's and 0's message back to the tutor with their labelled grid
6. Tutor gives the slip of paper to another team to decode.
6. Other team replicates the image and guesses what the image is (thus pictiography) (tutor compares to the grid they have from the original team and awards points.

How to help

Make sure that kids are using appropriately sized grids for what they are trying to draw. Some of the images to draw in the 15x15 will be impossible at the low resolution of 5x5.

Help active tutors to manage the encoding and decoding teams. Ensure there are enough grids and resources.