**STEM Jigsaw Bingo – Teacher Instructions**

**A picture containing sketch, graphic design, art

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This is a simple Mix & Match Activity with **40** images and names of jobs. There is a larger version with **66** images and names of jobs. Both are good activities to see how classification works. Classification is “man-made” and can change.

**Target group:** **PrimaryPrimary**

**Teacher Instructions:**

**Before the lesson.**   
1. Photocopy and laminate the following images’ pages [**40 job** images] into as many copies as you require – the instructions are for student pairs – but you could make this into a group of 3 students.

2. Cut up the images/jobs individually. Put them into group envelopes for each group.

3. Photocopy and laminate the names of the jobs into as many copies as you require.

4. Cut up the names of the jobs individually and place into group envelopes. Mix up both the jobs and the names.

5. Laminate and cut up the individual 12 categories for each group.

**Instructions:**

1. In pairs, get the students to match the image with the name of the job by selecting one image and one name from the different envelopes at one time. The students are to place the images and names in front of them and as the game progresses, the students can start matching up. The first pair finished sings out “Bingo”. (15 -20 minutes).
2. After the class has finished matching up the images with the name of the job, get the students [in pairs or as a group of 3-4 students] to classify each of these jobs into one of the following 12 classification categories as seen on the Information Desk and give reasons why they have put these jobs into these classification categories:

1. Get the students to check their answers on the website. <https://www.onthejob.education>

To check they need to click on the category on the “Info Lady’s Desk” – there they will find all the jobs for that category listed. Or the students could go to the Search function or Full Job Listing.

1. **Class Reflection.**  
   Do you, the students, have the jobs in the “correct” classification category? Get the students to explain and give reasons why they think their classification was different.
2. Give each pair of students will get a set of random 5 – 6 jobs.   
   a. Students are to place their jobs in order from “using the most mathematics to using the least mathematics” along an imagery line.

b. Repeat with “using the most Science to using the least Science” along an imagery line.

c. Repeat with “using the most Technology to using the least Technology” along an imagery line.

d. Repeat with “using the most Engineering to using the least Engineering” along an imagery line.

1. They are to justify their decisions.
2. The rest of the class can challenge their assessments, but they must give reasons without any put downs.
3. Optional Extra: Get the students to put their 5 – 6 jobs into a Venn diagram showing the STEM qualities.

If you would like to do more advanced Classification lessons, go to [Teacher’s Index](https://onthejob.education/teachers_parents/lesson_plans.htm) and select lessons about Classification.

Job Images to be cut up and put into an envelope.

A cartoon of a person sitting in a chair

Description automatically generated with medium confidence A cartoon of a person holding a yellow object

Description automatically generated with low confidence A cartoon of a person with a mustache

Description automatically generated with low confidence

A cartoon of a person holding a sign

Description automatically generatedA cartoon of a person painting

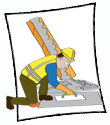
Description automatically generated with medium confidenceA cartoon of a person cutting bread

Description automatically generated with low confidence

A cartoon of a person holding a megaphone

Description automatically generated with medium confidenceA cartoon of a person driving a crane

Description automatically generated with medium confidence

A cartoon of a person mopping the floor

Description automatically generated with medium confidenceA cartoon of a person holding a knife

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A picture containing sketch, drawing, illustration, child art

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Job names to be cut up and put into envelopes.

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| **Wool Classer** | **Librarian** | **Green Grocer** |
| **Abattoir Worker** | **Mining Engineer** | **Radio Presenter** |
| **Auctioneer** | **Film Producer** | **Real Estate Agent** |
| **Logging Truck Driver** | **Milliner** | **Pool Technician** |
| **Mobile Plant Operator** | **Funeral Director** | **Army Officer** |
| **Tattoo Artist** | **Geneticist** | **Baker** |
| **Shearer** | **Speech Pathologist** | **Border Security Officer** |
| **Receptionist** | **Textile Designer** | **Director** |
| **Crane Operator** | **Cinematographer** | **Coxswain** |
| **Concreter** | **Cleaner** | **Butcher** |
| **Biotechnologist** | **Beautician** | **Jillaroo** |
| **Interpreter** | **Horticulturalist** | **Security Consultant** |
| **Confectioner** | **Miner** | **Fitness Instructor** |
| **Barista** |  |  |

Put your Jobs into these Categories and check with “On the Job”  
  
  
  