

Instructions for Teachers: The first 4 slides provide game instructions and additional information about the data provided. Print these 4 slides for reference while presenting the information in the Delaware Bobilator activity.

THE DELAWARE BOBILATOR

Goal: This activity is designed to help students understand the importance of labor market information when considering occupations.

Instructions:

Slide 5: Introduce students to the game

Slide 6: (imaginary occupation names) Ask students to choose one of the listed occupations and write the name down.

Slide 7: Explain that this page adds career cluster information. Based on this, students may want to make a new choice, or not. Write this choice under the previous choice, even if it is the same.

Slide 8: (2017 average hourly wages) Be sure that students understand that this is an average, and that entry workers may make much less and experienced workers much more. [see Slide 3] Based on the new information, instruct students to make a choice and add it to the list, even if it is the same. The list should now have 3 choices.

Slide 9: (adds projected openings/year) [see Slide 3] Again, students should choose an occupation and write it down. The list should now have four choices.

Slide 10: (adds education) Repeat. The list should now have five choices.

Slide 11: (adds real name of the occupation) Explain that except for the make-believe occupation names in the first column, this is real information. And there is much more information available. The information provided in this activity is, of course, not enough to make a serious occupational decision, but it is meant to illustrate that researching occupations is vital to making an informed decision.

Discussion

How many of you changed your choice once? Twice? More?

Why did you make these changes?

What do these changes tell you about what you are looking for in an occupation?

Is there a right choice?

Would you expect your friends to make the same choices you did?

Labor Market Information Resources

Office of Occupational & Labor Market Information - <https://lmi.delawareworks.com/>

O*NET OnLine - www.onetonline.org

Bureau of Labor Statistics - www.bls.gov

Hourly Wages: Employment and wage data are collected by analysts at the Delaware Department of Labor, Office of Occupational & Labor Market Information.

The wage data provided includes:

Mean wage: average

Entry wage: the average of the bottom third of the wage distribution

Experienced (Exp) wage: the average of the highest two-thirds of the wage distribution

Median wage: half the workers make less than this median \$ amount and half the workers make more

EXAMPLE:	Employment	Mean	Entry	Exp.	Median
Civil Engineers	780	43.47	31.03	49.68	41.59

Total Projected Average Openings/Year: Occupation and Industry projections are produced every two years for a period ten years into the future. The projections in this activity are based on the 2016-2026 projections; they are the sum of growth and replacements.

Average annual openings due to **Growth** = brand new jobs created (jobs that did not exist before as for a new business or a growing business)

Average annual openings due to **Replacements** = a job opening as a result of someone's retirement, job change, etc.

Total Projected Openings/Year = Growth + Replacements

Education/Training Levels

Prof - Professional: usually requires at least 3 years of full-time academic study beyond a bachelor's degree (Doctor, Dentist, Lawyer, etc.)

PhD - Doctoral: at least 3 years of full-time academic work beyond a bachelor's degree

Masters: 1 or 2 years of full-time study beyond a bachelor's degree

Bachelor's: requires 4 to 5 years of full-time academic work

Associate: at least 2 years of full-time academic study

Voc. Ed. - Postsecondary vocational training: some postsecondary vocational training programs last only a few weeks, while others may last a year or more. Some occupations require passing a licensing examination after completing training.

Apprent - Apprenticeship: a formal relationship between a worker & sponsor that consists of a combination of on-the-job training and related occupation-specific technical instruction in which the worker learns the practical and theoretical aspects of an occupation.

LOJT - Long-term on-the-job training: more than 1 year of on-the-job training combining work experience and formal classroom instruction, such as apprenticeships and employer-sponsored training. Generally, individuals training for an occupation are considered to be employed in it.

MOJT – Moderate on-the-job training: 1 to 12 months of combined on-the-job experience and informal training

SOJT - Short-term on-the-job training: 1 month or less of on-the-job experience or instruction

THE DELAWARE

BOBILATOR



Pretend Name

Bobilator

Gastronomist

Extracator

Animologist

Chemologist

Wireologist

Numberologist

Encodologist

Storyologist

Haulassister

Pretend Name	Career Cluster
Bobilator	Human Services
Gastronomist	Hospitality & Tourism
Extracator	Health Services
Animologist	Agriculture, Food & Natural Resources
Chemologist	Science, Technology, Engineering & Mathematics
Wireologist	Architecture & Construction
Numberologist	Business Management & Administration
Encodologist	Information Technology
Storyologist	Arts, A/V Technology & Communications
Haulassister	Transportation, Distribution & Logistics

Pretend Name	Career Cluster	Average Hourly Wage
Bobilator	Human Services	\$17.09
Gastronomist	Hospitality & Tourism	\$12.72
Extracator	Health Services	\$123.70
Animologist	Agriculture, Food & Natural Resources	\$15.41
Chemologist	STEM	\$30.46
Wireologist	Architecture & Construction	\$29.09
Numberologist	Business Management & Administration	\$38.10
Encodologist	Information Technology	\$37.12
Storyologist	Arts, A/V Technology & Communications	\$27.33
Haulassister	Transportation, Distribution & Logistics	\$20.46

Pretend Name	Career Cluster	Average Hourly Wage	Total Projected Openings/Year
Bobilator	Human Services	\$17.09	369
Gastronomist	Hospitality & Tourism	\$12.72	677
Extracator	Health Services	\$123.70	13
Animologist	Agriculture, Food & Natural Resources	\$15.41	15
Chemologist	STEM	\$30.46	92
Wireologist	Architecture & Construction	\$29.09	260
Numberologist	Business Management & Administration	\$38.10	568
Encodologist	Information Technology	\$37.12	71
Storyologist	Arts, A/V Technology & Communications	\$27.33	15
Haulassister	Transportation, Distribution & Logistics	\$20.46	456

Pretend Name	Career Cluster	Ave. Wage	Tot Proj Open/Yr	Education
Bobilator	Human Services	\$17.09	369	Vocational Education
Gastronomist	Hospitality & Tourism	\$12.72	677	Medium on-the-job training
Extracator	Health Services	\$123.70	13	Professional Degree
Animologist	Agriculture, Food & Natural Resources	\$15.41	15	Medium on-the-job training
Chemologist	STEM	\$30.46	92	Associate
Wireologist	Architecture & Construction	\$29.09	260	Apprenticeship
Numberologist	Business Management & Administration	\$38.10	568	Bachelor's
Encodologist	Information Technology	\$37.12	71	Bachelor's
Storyologist	Arts, A/V Technology & Communications	\$27.33	15	Bachelor's
Haulassister	Transportation, Distribution & Logistics	\$20.46	456	Vocational Education

Pretend Name	Career Cluster	Ave. Wage	Tot Proj Open/Yr	Education	Occupation
Bobilator	Human Services	\$17.09	369	Voc. Ed.	Hairstylist
Gastronomist	Hospitality & Tourism	\$12.72	677	MOJT	Restaurant Cook
Extracator	Health Services	\$123.70	13	PhD/prof	Dentist
Animologist	Agriculture, Food & Natural Resources	\$15.41	15	MOJT	Animal Trainer
Chemologist	STEM	\$30.46	92	Associate	Chemical Technician
Wireologist	Architecture & Construction	\$29.09	260	Apprent	Electrician
Numberologist	Business Management & Administration	\$38.10	568	Bach	Accountant
Encodologist	Information Technology	\$37.12	71	Bach	Computer Programmer
Storyologist	Arts, A/V Technology & Communications	\$27.33	15	Bach	Writers & Authors
Haulassister	Transportation, Distribution & Logistics	\$20.46	456	Voc. Ed.	Truck Driver, Heavy