



Career Finder Scavenger Hunt – By School Subject Area

In this activity you will learn about career options tied to different school subject areas.

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- 1) Log into your account at www.ihaveaplaniowa.gov.
- 2) Select the Career Planning link from the top of the page.
- 3) Next, choose the Explore Careers link. This link is found at the top of the screen and in the middle.
- 4) In the box titled Career Exploration Tools, select the Career Finder link.
- 5) From the Career Finder page, notice the list of characteristics on the left side of the page.
- 6) Select the school subjects characteristic for the subject area your teacher instructs and choose the see your matching careers link.
- 7) How many careers are listed for the school subject you chose?**

Agriculture- 15
Art - 9
Biology - 51
Business Studies - 61
Chemistry - 12
Computer Science - 9
Construction/Carpentry - 46
Drama/Theater - 8
English - 12
Family & Consumer Sciences - 18
Foreign Languages - 1
Geography - 9
History - 8
Math - 32
Mechanics/Metalworking - 49
Music - 6



Physical Education (PE) - 11

Physics - 34

Psychology - 23

8) How many careers listed require an Associate's degree (don't count those careers requiring an Associate's degree plus work experience)? Hint: Click on the yellow arrows in the education level box for an alphabetical listing of the education level required for the careers listed.

Agriculture - None

Art - None

Biology - 13

Business Studies - 1

Chemistry - 2

Computer Science - 1

Construction/Carpentry - None

Drama/Theater - None

English - None

Family & Consumer Sciences - None

Foreign Languages - None

Geography - 1

History - None

Math - None

Mechanics/Metalworking - None

Music - None

Physical Education (PE) - 1

Physics - 9

Psychology - 1

9) How many careers listed require a Bachelor's degree (don't count those careers requiring a Bachelor's degree plus work experience)? Hint: Click on the yellow arrows in the education level box for an alphabetical listing of the education level required for the careers listed.

Agriculture - 1

Art - 4

Biology - 6

Business Studies - 17

Chemistry - 1

Computer Science - 7



Construction/Carpentry - None
Drama/Theater - 3
English - 5
Family & Consumer Sciences - 2
Foreign Languages - None
Geography - 2
History - None
Math - 11
Mechanics/Metalworking - 3
Music - 3
Physical Education (PE) - 3
Physics - 20
Psychology – 5

10) What is the highest paying career for your chosen subject area?

Agriculture – Soil/Plant Scientist

Art – Landscape Architect

Biology - *The highest paying careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.

Business Studies - *The highest paying careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.

Chemistry –*The highest paying careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.

Computer Science –*The highest paying careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these



careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.

Construction/Carpentry –*Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.

Drama/Theater –*Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials. **Sound Engineering Technician is the career with the highest salary listed.

English – Commercial Art Director

Family & Consumer Sciences – Food Scientist/Technologist

Foreign Languages – Flight Attendant

Geography - Hydrologist

History – Anthropologist or Archaeologist (both indicate the same salary)

Math –*Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials. **Economist, Mathematician and Mathematical Technician are the careers with the highest salaries.

Mechanics/Metalworking – Technical Sales Representative

Music – Music Composer/Arranger or Music Director (both indicate the same salary)

Physical Education (PE) –*Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries



reflect differences in size of firm, location, level of education and professional credentials.

**Professional athlete and dancer are listed as potentially high salary careers.

Physics –*Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials. **The careers of Petroleum Engineer, Astronomer, Electronic Semiconductor Processor, Geophysical Data Technician, Marine/Naval Architect, Nuclear Equipment Operation Technician, Aerospace Engineer, Mining Engineer and Nuclear Engineer have the highest salaries listed.

Psychology - Psychiatrist

11) What is the lowest paying career for your chosen subject area?

Agriculture – Animal Caretaker

Art – Floral Designer/Florist

Biology – Home Health Aide

Business Studies - Telemarketer

Chemistry - Pharmacy Technician

Computer Science – Computer Support Specialist

Construction/Carpentry – Carpenter Helper

Drama/Theater – Motion Picture Projectionist

English – Library Technician

Family & Consumer Sciences – Fast Food Cook

*Fashion Designer does not list a salary. Students can get a range of the salary for this career by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials.



Foreign Languages – Flight Attendant

Geography – *Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials. **City Planning Aide and Geographer do not have salaries listed.

History – Tour Guide

Math – Teacher Assistant

Mechanics/Metalworking – *Some careers in this subject area, do not actually have a salary listed, but will appear first when students search by earnings. Students can get a range of the salary for these careers by clicking on the career name. This is a chance to discuss with students that variations in salaries reflect differences in size of firm, location, level of education and professional credentials. **Bicycle Repairer is the career with the lowest salary.

Music – Preschool Teacher

Physical Education (PE) – Recreation Worker

Physics – Civil Engineering Technician

Psychology – Psychiatric Technician

11) Which career cluster(s) are associated with this subject area?

Agriculture – Agriculture, Food and Natural Resources

Art – Marketing, Sales and Service; Arts, Audio-Video Technology and Communications; Health Science; Architecture and Construction

Biology - Agriculture, Food and Natural Resources; Education and Training; Health Science; Law, Public Safety, Corrections and Security; Science, Technology, Engineering and Mathematics (STEM)



Business Studies - Agriculture, Food and Natural Resources; Arts, Audio-Video Technology and Communications; Business Management and Administration; Education and Training; Finance; Government and Public Administration; Health Science; Hospitality and Tourism; Manufacturing; Marketing, Sales and Service; Transportation, Distribution and Logistics

Chemistry - Agriculture, Food and Natural Resources; Education and Training; Health Science; Law, Public Safety, Corrections and Security; Science, Technology, Engineering and Mathematics (STEM)

Computer Science – Information Technology

Construction/Carpentry - Agriculture, Food and Natural Resources; Architecture and Construction; Law, Public Safety, Corrections and Security; Manufacturing

Drama/Theater - Audio-Video Technology and Communications

English - Audio-Video Technology and Communications; Business Management and Administration; Education and Training

Family & Consumer Sciences – Agriculture, Food and Natural Resources; Education and Training; Health Science; Hospitality and Tourism; Human Services; Manufacturing; Marketing, Sales and Service

Foreign Languages – Transportation, Distribution and Logistics

Geography – Architecture and Construction; Government and Public Administration; Hospitality and Tourism; Science, Technology, Engineering and Mathematics (STEM)

History - Arts, Audio-Video Technology and Communications; Hospitality and Tourism; Science, Technology, Engineering and Mathematics (STEM)

Math – Business, Management and Administration; Education and Training; Finance; Science, Technology, Engineering and Mathematics (STEM)

Mechanics/Metalworking – Architecture and Construction; Education and Training; Finance; Information Technology; Law, Public Safety, Corrections and Security; Manufacturing; Marketing, Sales and Service; Science, Technology, Engineering and Math (STEM); Transportation, Distribution, and Logistics

Music- Arts, Audio-Video Technology and Communications; Education and Training



Physical Education (PE) - Arts, Audio-Video Technology and Communications; Education and Training; Health Science; Hospitality and Tourism

Physics - Agriculture, Food and Natural Resources; Arts, Audio-Video Technology and Communications; Information Technology; Manufacturing; Marketing, Sales and Service; Science, Technology, Engineering and Mathematics (STEM); Transportation, Distribution and Logistics

Psychology – Education and Training; Government and Public Administration; Health Science, Human Services

Reflection

Looking at your career list, are there any careers associated with this subject area you would consider pursuing? Why or why not?