

Consider a Career in

Physical S C I E N C E



Physical Scientists
study non-living
elements on Earth
and in space

Physicists – Astronomers – Chemists – Hydrologists – Environmental Scientists
– Atmospheric and Space Scientists – Geoscientists – Materials Scientists

What do
Physical Scientists
have to say about
their work?

“The thing I enjoy most is that I’m working to save peoples’ lives and to protect their property.”

-Tim McClung, Meteorologist*





PHYSICAL SCIENCE



Do you enjoy...

Asking questions

Conducting experiments in a lab



Solving problems

Observing nature

Study the properties of non-living matter on earth



throughout the universe

With a career in *Physical Science* you could...



Protect the environment



Create new materials



Monitor asteroids



Study volcanoes

Research by physical scientists has led to many important discoveries, including:



New planets



New chemical elements



Causes of climate change



Physical Science is in demand. Employment is expected to grow, with hundreds of new jobs being added over the next few years.

MYTH Physical Scientists WORK IN A LABORATORY ALL DAY.

REALITY They may work in a laboratory, but they **ALSO WORK OUTDOORS**

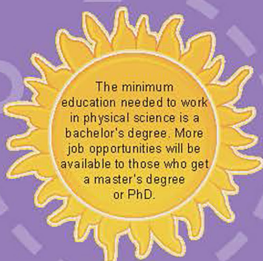
COLLECTING SAMPLES, SETTING UP EXPERIMENTS, and making OBSERVATIONS.

Useful classes to prepare for college...

Grade 10	Grade 11	Grade 12
Physical Science	Physical Science	Physical Science
Chemistry	Chemistry	Chemistry
Physics	Physics	Physics
Mathematics	Mathematics	Mathematics
Astronomy	Astronomy	Astronomy
Earth Science	Earth Science	Earth Science
Geology	Geology	Geology
Statistics	Statistics	Statistics

Computer Science
Physics
Mathematics
Astronomy
Chemistry
Earth Science
Geology
Statistics

After high school, here's the education you'll need to succeed:



The minimum education needed to work in physical science is a bachelor's degree. More job opportunities will be available to those who get a master's degree or PhD.

Starting Salaries begin around \$50,000-\$60,000 per year,



up to \$105,000 or MORE with several years experience.

Physical Scientists

change the way we live

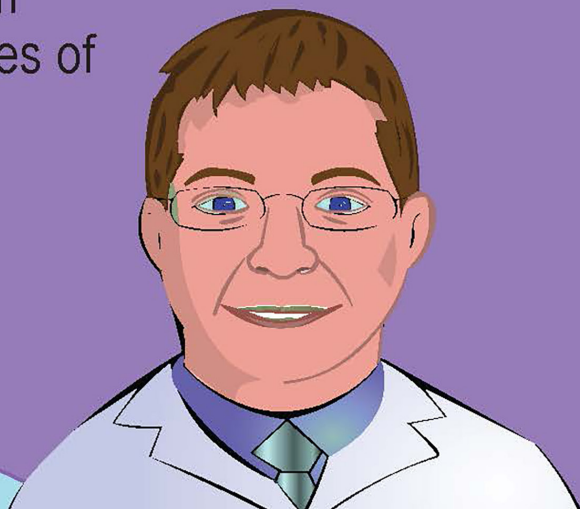
They...

Study environmental pollution
to improve water and air quality

Make predictions about earthquakes
and floods that save lives

Help develop new technologies, products, or medicines that improve public health

Conduct experiments on energy and matter to learn
about the forces of nature



Learn more about Physical Science

- Join a science club
- Visit science museums
- Interview someone about their job in physical science
- Research careers and find college and training program information on QualityInfo.org in the “Jobs & Careers” and “Training & Education” sections

Looking for more information on STEM occupations?

Contact Lmipubs@oregon.gov to order copies of the STEM brochure series, offered for the following occupations:

- | | |
|--------------------------------|--------------------|
| - Biological Science | - Health Care |
| - Computer Information Systems | - Mathematics |
| - Computer Science | - Physical Science |
| - Drafting and Surveying | - Social Science |
| - Engineering | |

You can also view these brochures at QualityInfo.org on the “Publications” page in the Posters & Brochures box.



The Oregon Employment Department is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Language assistance is available to persons with limited English proficiency at no cost.

El Departamento de Empleo de Oregon es un programa que respeta la igualdad de oportunidades. Disponemos de servicios o ayudas auxiliares, formatos alternos y asistencia de idiomas para personas con discapacidades o conocimiento limitado del inglés, a pedido y sin costo.