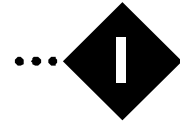


# The Power of Research: Minds On



## Every job includes research.

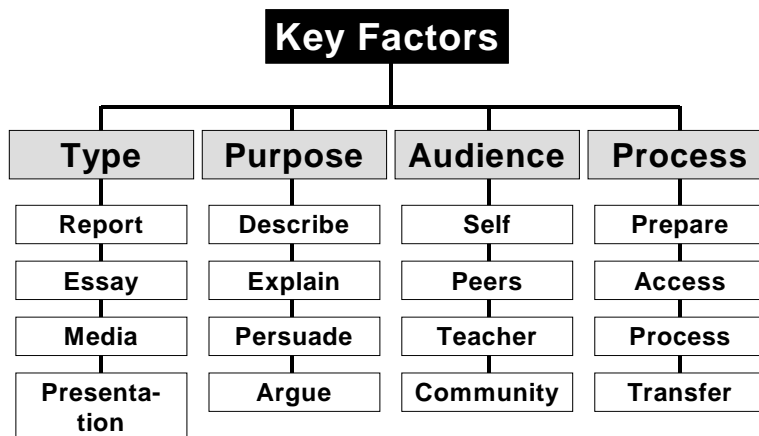
Whether you are planning to design a new computer video game, write a novel, investigate new medical technologies, or own your own automotive shop, you will need to always be researching in your field.



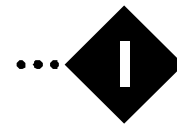
Field	Research Activity
<b>Automotive Shop Owner</b>	Compares specs of new models for emissions testing
<b>Chef</b>	Revises menu to improve nutrition
<b>City Planner</b>	Checks local building codes
<b>Doctor</b>	Reads journal for latest procedures
<b>Social Worker</b>	Finds best solutions for family counselling
<b>Video Game Designer</b>	Updates knowledge of computer systems
<b>Writer</b>	Gathers archival background for novel

## Research includes a complex set of factors:

- ❑ the **type** of research you are doing
- ❑ the **purpose** for your research
- ❑ the **audience** for whom the research is meant
- ❑ the **process** or steps you take during your research



# The Power of Research (cont'd.)



Research gives you the power to **choose** what you want to learn, **build** your knowledge, **think** critically and creatively, **communicate** to share ideas, and **apply** your learning to life in real situations.

**People research for many reasons:**

- ❑ to **learn** about something they need to know or do
- ❑ to **test** an idea or hypothesis
- ❑ to **solve** a problem or **make a decision**
- ❑ to **build** on another's knowledge for greater understanding

The diagram features the word "RESEARCH" in a central, bold, black font. It is surrounded by four puzzle pieces, each connected to the center by a thin black line. The top-left puzzle piece is labeled "Learn", the top-right is labeled "Test", the bottom-left is labeled "Solve" and "Decide", and the bottom-right is labeled "Build".

## What students say about research...

*"I do research every day... when I decide what movie to see or what gift to buy. I am always researching."*

*"Knowing how to research means I can learn almost anything."*

*"In my co-op placement, research helps me solve problems I have never faced before."*

*"I don't just Google the Web anymore. I know more ways to find the things I need."*

*"Better research gets better grades. That's the bottom line!"*

As you do research, you learn valuable **essential skills** for life and work.

These skills provide the foundation for learning all other skills and help you to evolve with a job and adapt to changes in the workplace.

[www.hrsdc.gc.ca/eng/workplaceskills/essential\\_skills/general/home.shtml](http://www.hrsdc.gc.ca/eng/workplaceskills/essential_skills/general/home.shtml)

## Doing Research = Essential Literacy

- ❑ **Reading text**
- ❑ **Document use**
- ❑ **Numeracy**
- ❑ **Writing**
- ❑ **Oral communication**
- ❑ **Working with others**
- ❑ **Thinking skills**
- ❑ **Computer skills**
- ❑ **Continuous learning**