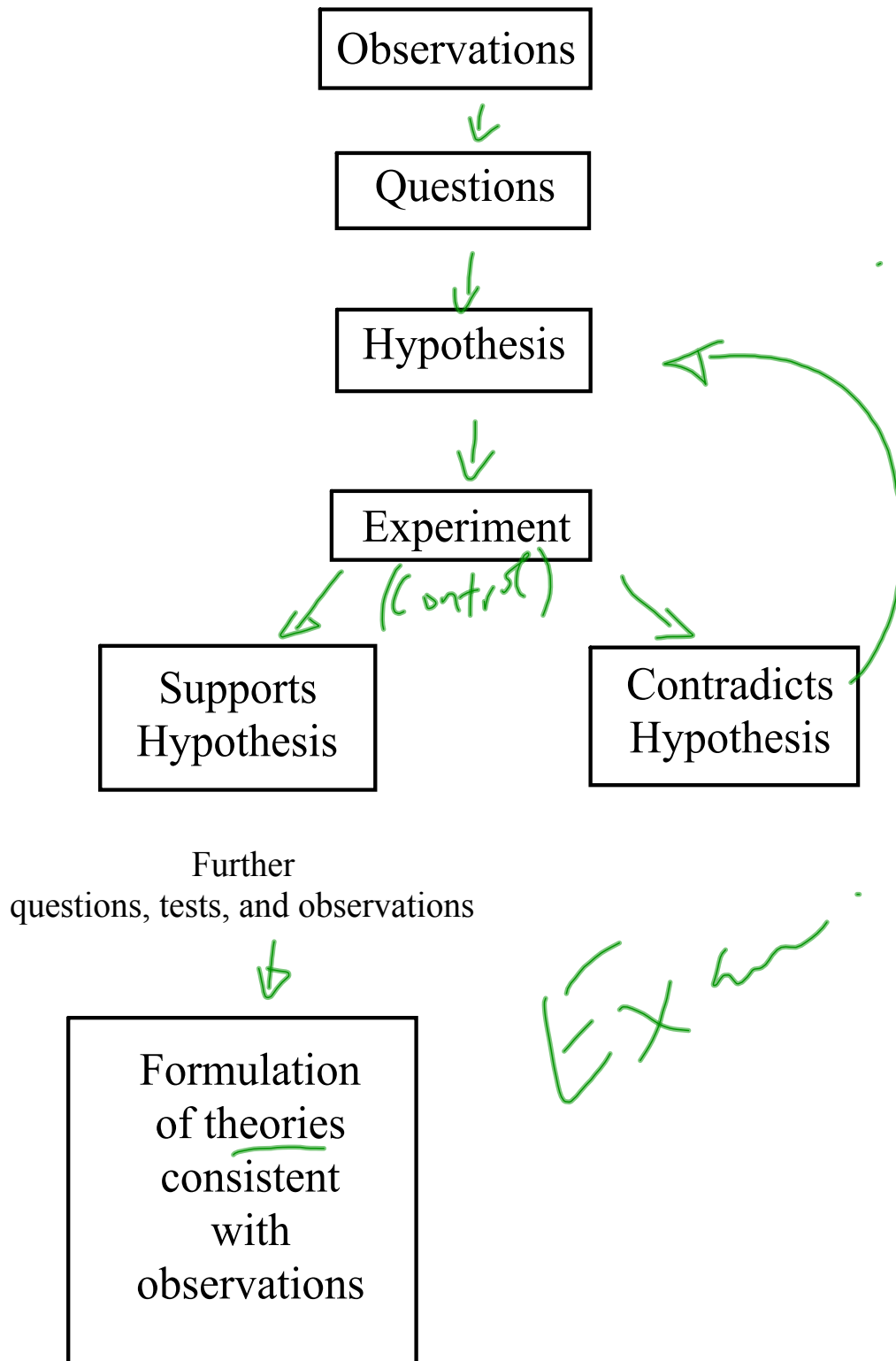


# Science and Environmental Policy

# Scientific Method

The way of gaining knowledge is called the scientific method.



## Junk Science

Exam.

Junk science is information that is presented as scientifically valid, but does not conform to the rigors imposed by the scientific community.

It can take many forms: ✕

- presentation of selective/false results
- politically motivated distortions of scientifically sound papers
- publication of poor work in unreviewed journals and books

Junk science is quite often generated by special-interest groups trying to influence the public debate about science-related concerns.

**Environmental Science 122**  
Government of Canada

1. What are the three levels of government in Canada?

federal, provincial, municipal

2. The Federal Government is headed by the Governor General of Canada on the advice of the Prime Minister.

3. David Johnston is the Governor General of Canada.

4. Stephen Harper is the Prime Minister of Canada.

5. Which of the following are registered political parties in Canada? Print Y (yes) or N (no) on the line provided.

- KA** a) Absolutely Absurd Party N  
b) Animal Alliance Environment Voters Party of Canada Y  
c) Bloc Quebecois Y  
d) Canadian Action Party Y  
e) Christian Heritage Party of Canada Y  
**J** f) Communist Party of Canada Y  
g) First Peoples National Party of Canada Y  
h) Green Party of Canada Y  
i) Liberal Party of Canada Y  
j) Libertarian Party of Canada Y  
**C** k) Marijuana Party Y  
l) Marxist-Leninist Party of Canada Y  
m) New Democratic Party Y  
n) People's Political Power Party of Canada Y  
**K** o) Pirate Party of Canada Y  
p) Progressive Canadian Party Y  
**J** q) Rhinoceros Party Y  
r) United Party of Canada Y  
**D** s) Western Block Party Y

6. The Provincial and Territorial Governments are headed by a Lieutenant Governor (provinces) or Commissioner (territories) on the advice of a Premier (provinces) or Government Leader (territories).

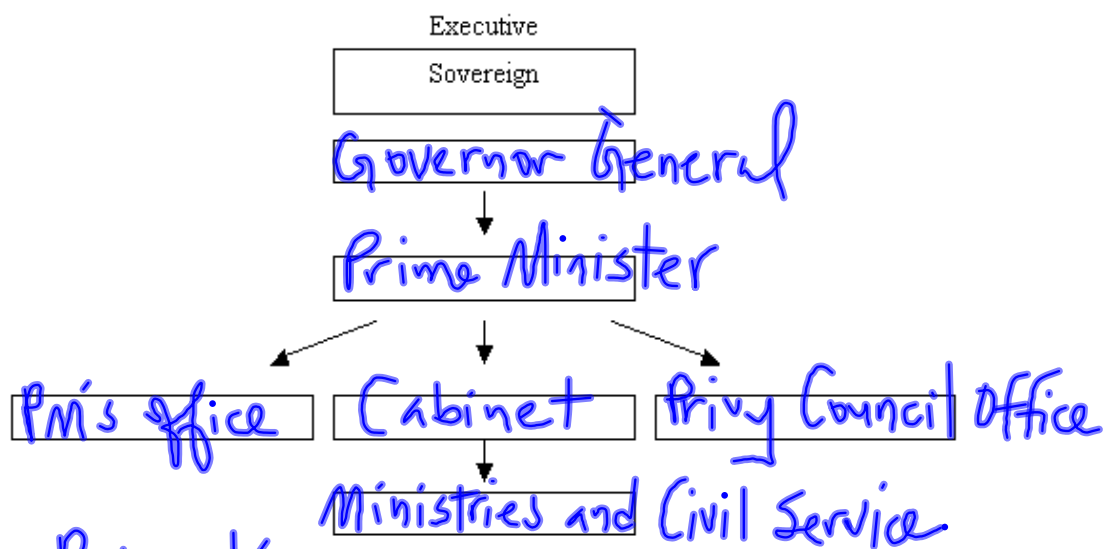
Exam  
Matching



Lieutenant-Governor of NB is Graydon Nicholas. ✓



8. The Premier of New Brunswick is David Alward ✓
9. Municipal governments are headed by a mayor.
10. The Mayor of Miramichi is Gerry Cormier ✓
11. Complete the flow chart below to show the structure of the Federal Government.



12. Peter Kent ✓ is Canada's Minister of the Environment.
13. Bruce Fitch ✓ is the Minister of Environment for New Brunswick.
14. \_\_\_\_\_ implements the Government of Canada's environmental agenda.

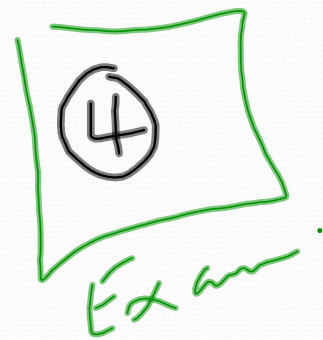
✓ Environment  
Canada

## How is the environment governed?

- ✓ • Environment Canada was established in 1971
  - ✓ • It is a branch of the federal government responsible for protecting Canada's environment, natural heritage, and meteorological information
  - ✓ • It relies on credible science and sound environmental decisions
- 
- Considered to be an environmental science research leader
    - Conducts and publishes 80% of its research with external agencies
    - This research helps wildlife populations, improves ecosystems, assesses environmental risks, issues weather warnings, and supports policy and legislative action

## Who do they work with to enforce these laws?

- ✓ Industries
- ✓ Farmers
- ✓ Businesses
- ✓ Provinces, municipalities
- ✓ Customs officials
- ✓ Hunters
- ✓ The US EPA
- ✓ Fisheries and Oceans Canada
- ✓ RCMP



## Laws and Policies of the Canadian Government

- The Canadian government strongly promotes research and development when creating policy
- A policy is a deliberate plan of action to guide decisions and achieve rational outcomes
- A law is a system of rules and guidelines typically enforced through a set of institutions
- Both laws and policy are created to help protect the environment
- Many government and public agencies as well as private corporations and citizens help create them



# Environmental Law and Policy

## Law 271 - Lecture 1



## Policies

There are a range of policies in place to protect the environment at the international, federal and provincial levels.

### International Agreements

Ramsar Convention  
Montreal Accord  
Bruntland Report  
Kyoto  
UNESCO

} (2)

### Federal Legislation

Clean Air Act  
COSEWIC  
Oceans Act  
National Parks Act

} (2) / End:

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### Provincial Legislation

Protected Areas  
Provincial Parks

Attachments

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Intro to Environmental Science 120 - Government - Canada.doc