



Environmentalist Award

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Aims



To understand our role in protecting wildlife as we look at 7 Requirements to help us learn:-

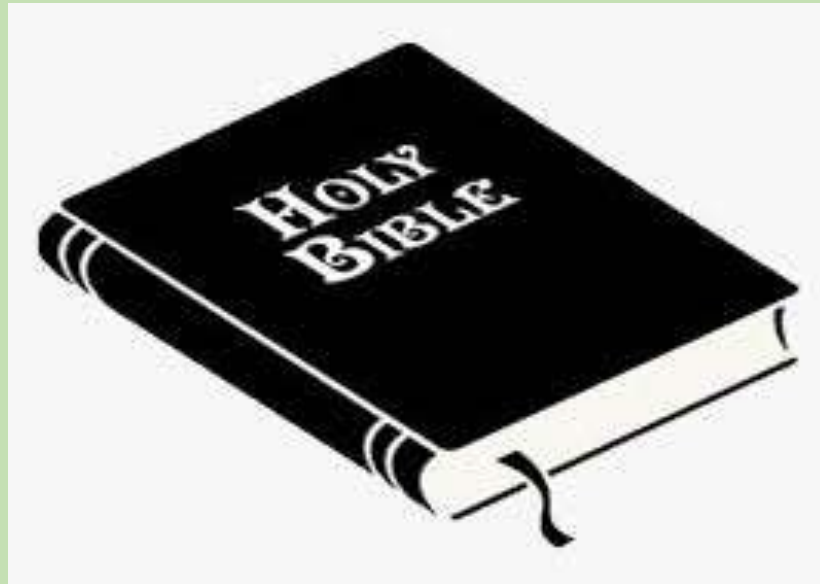
- 3 animals and birds that may be harmed**
- How pollution happens**
- Creative ways we can prevent pollution**



Requirement 1a



Recite Genesis 1:26





Requirement 1a



Recite Genesis 1:26

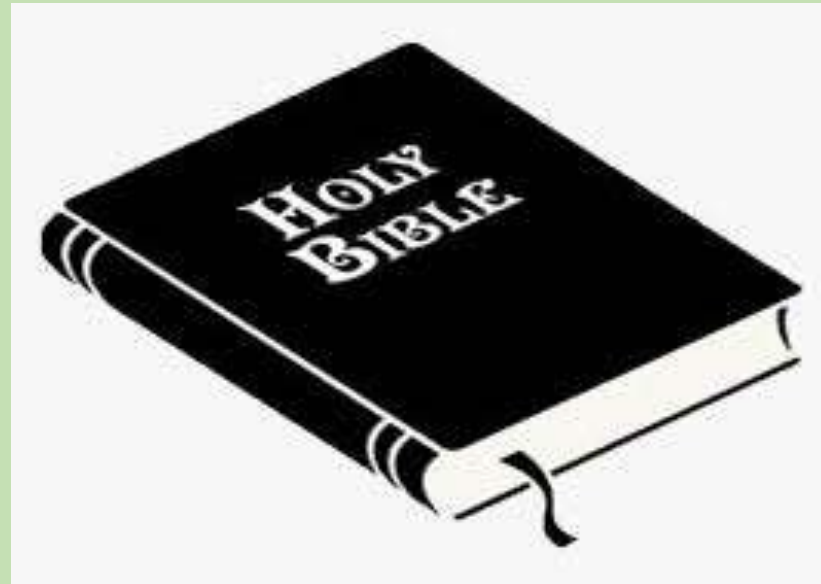




Requirement 1a



Explain Genesis 1:26





Explain Genesis 1:26



- God created animals, birds and fish in the sea
- God also made humans to:-
 - ✓ Look after the world
 - ✓ Protect human life on earth
 - ✓ Protect animals, birds, fish and plant life
 - ✓ Use laws to protect and provide food for all creatures
 - ✓ Care for the air, land and sea environment
 - ✓ Learn from nature - our teacher.



Riddle Me This?



**Guess me this riddle and
perhaps not.....**



Riddle



What do you call a plant or an animal that may be harmed if you do not look after it?



1st Clue



END

ANGER

RED



2nd Clue



END + ANGER + RED



3rd Clue



EN + DANGER + ED



4th Clue



FINAL ANSWER

ENDANGERED

The word cloud features the following terms: AGRICULTURE, IRRIGATION, HARVESTING, ENVIRONMENT, POLLINATION, WILDERNESS, SUSTAINABLE, SOLAR POWER, CULTIVATING, SEEDLING, SUSTAINABLE PRESERVATION, PLANTATIONS, FERTILIZER, SPRINGTIME, SUMMERTIME, VEGETATION, PROTECTION, WIND POWER, PLANTING, and FERTILIZING.



Riddle Me This?



**Guess me this riddle and
perhaps not.....**



Riddle



What do you call a plant or an animal that is no longer living?



Clue



Unscramble the letters

- a. Txicent**
- b. Extinct**
- c. Cixtent**



Answer



Unscramble the letters

- a. Txicent = Extinct**
- b. Extinct**
- c. Cixtent = Extinct**



Definitions



Endangered – needs protection

Plant or animal life that is threatened



Extinct – Does not exist

Plant or animal no longer exist on earth





Question?



What other animals can you think of that are extinct?

Extinct Animals



Dinosaur



Saber-Toothed Cat



Dodo



Tasmanian tiger



Golden Toad



Woolly Mammoth



Passenger Pigeon



Ground Sloth



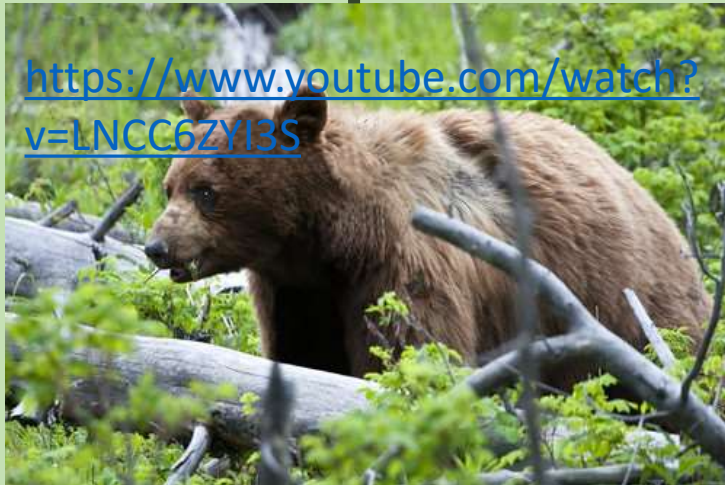
Requirement 2



List three animals that are endangered.



3 Endangered Animals



Red Grizzly Bear



Amur Leopard



Javan Rhinoceros



Endangered Animal - 1



Key Facts

- ❖ Rare Bear runs at 35mph
- ❖ 75% of their food is berries, leaves and nuts
- ❖ Excellent eyesight and sense of smell
- ❖ Roars or snorts to communicate with each other

The Grizzly Bear





Endangered Animal - 2



Key Facts

- ❖ Rare leopard
- ❖ Found only in northern Russia
- ❖ Lives in snowy and cold regions
- ❖ 20 adults in existence

The Amur Leopard





Endangered Animal -3



Key Facts

- ❖ Live around 30-45 years
- ❖ Loves to wallow in mud
- ❖ Congregate in small groups
- ❖ Found in in Indonesia along the Ujung Kulon
- ❖ 40-60 adults in existence

Javan Rhinoceros



Basic Needs of Organism



Human

- Food
- Water
- Air
- Shelter



Animal

- Food
- Water
- Air
- Habitat



Plant

- Water
- Air
- Sunlight



Requirement 2



Why are animals endangered?

Basic Needs of Organism



Human

- Food
- Water
- Air
- Shelter



Animal

- Food
- Water
- Air
- Habitat



Plant

- Water
- Air
- Sunlight

Definitions

Habitat

- The natural home or environment of an animal, plant, or other organism.





Requirement 3a



List three (3) birds that are endangered



3 Endangered Birds



Hyacinth Macaw



Hen Harrier



Ivory-Billed Woodpecker



Endangered Bird - 1



Key Facts

- ❖ Largest macaw/parrot species
- ❖ Native to central and eastern South America
- ❖ Yellow eye ring circles around large black eyes,
- ❖ Yellow chin, a strongly hooked beak
- ❖ 2 toes that point forward and 2 toes point backward

Hyacinth Macaw



<https://www.youtube.com/watch?v=kOBjG4QISQE>



Endangered Bird - 2



Key Facts

- ❖ Known as northern harrier
- ❖ Owl-like face - meat eater
- ❖ Relies on the eyesight and sense of hearing to detect the prey
- ❖ Females are larger than males.
- ❖ Males perform sky dance

Hen Harrier





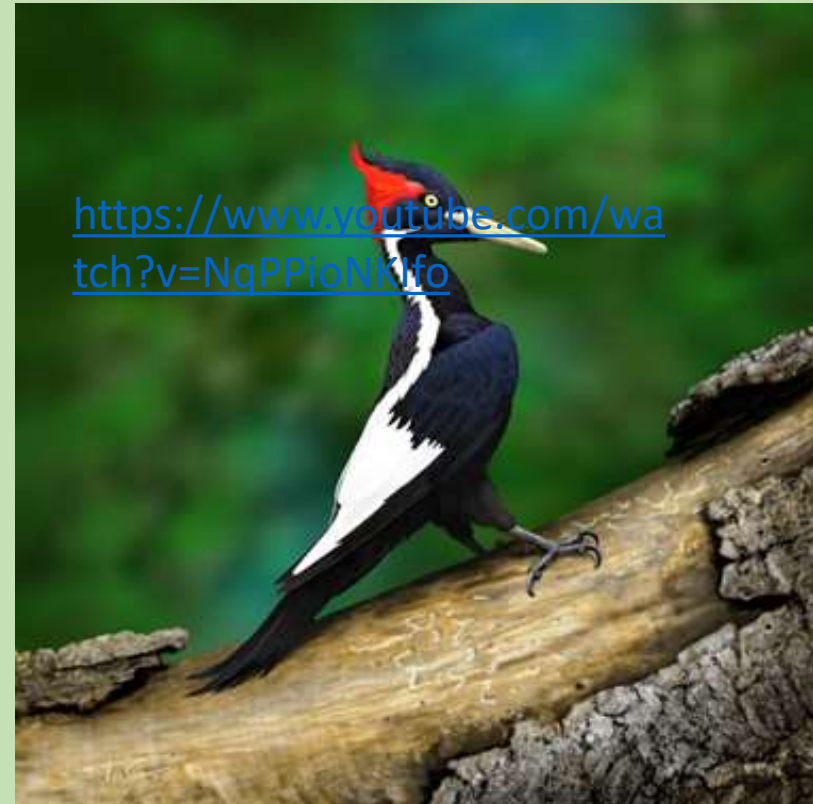
Endangered Bird - 3



Key Facts

- ❖ Huge woodpecker
- ❖ Roughly 20 inches long
- ❖ Roughly 30 inches in wingspan
- ❖ Found in inter America & Cuba
- ❖ Lives in hardwood forests
- ❖ Very vulnerable
- ❖ A handful in existence

Ivory-Billed Woodpecker





Requirement 3b



Explain how you can help protect birds



Protect Endangered Birds By:-



- Raising awareness – learn how and why to care
- Providing clean drinking and bathing water
- Planting flowering trees
- Leaving areas of leaf litter around our garden
- Protecting birds from pets
- Planting trees or plants as natural habitat in local communities
- Campaigning for lighted buildings to prevent birds bouncing in them
- Having bird and nectar feeders in natural reserves
- Donating money to protect birds



Requirement 4



Study endangered trees in your area



3 UK Endangered Trees



Mountain Ash



Horse Chestnut



Whitebeam Tree



Requirement 4b



Adopt a tree or plant a tree in your area



Plant Or Adopt A Tree



Homework

**Somerset Wildlife Trust Adopt
An Ancient Tree For £10**

What you'll receive an:-
information sheet

- ✓ an ancient tree postcard
- ✓ an adoption certificate
- ✓ 2 acorns for you to plant

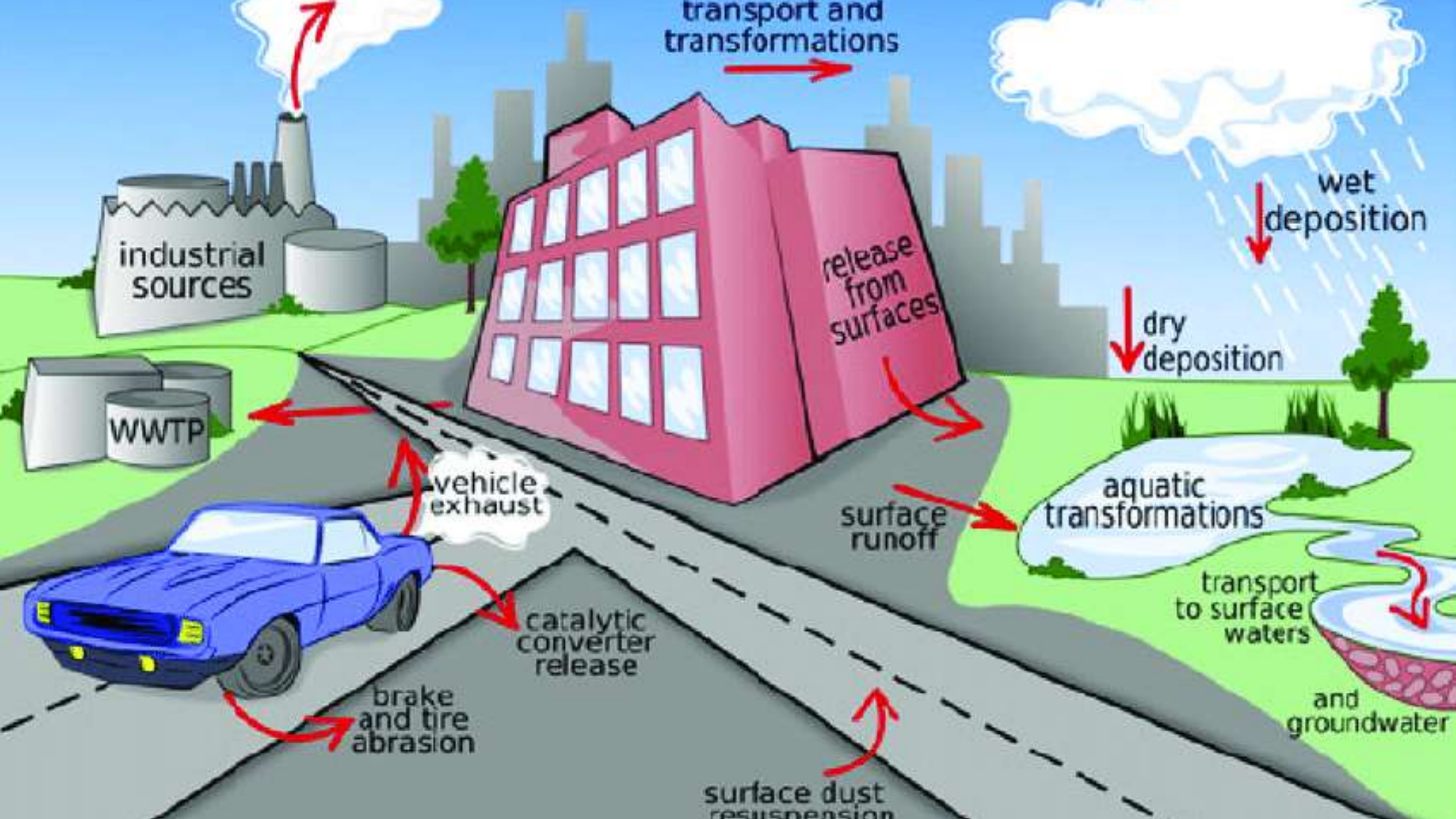




Requirement 5a



What causes pollution?





Requirement 5a



Pollution happen when dirty, unclean substances are introduced into the environment so that it has a harmful effect



Requirement 5a



**List ways you can
prevent pollution**



MATCH



- 1) Throw trash in the proper places
- 2) Reuse bags and containers
- 3) Choose paper over plastic your party



- 4) Eat organic Food
- 5) Don't buy products in aerosol spray cans



- 6) Reduce, reuse and recycle
- 7) Use non-toxic cleaning materials



- 8) Use energy-saving light bulbs
- 9) Plant more trees and vegetation
- 10) Keep the volume of your T.V, music low



- 11) Avoid burning trash
- 12) Don't smoke



- 13) Buy biodegradable products
- 14) Try using natural fertilizer and pesticides



STOP



POLLUTION

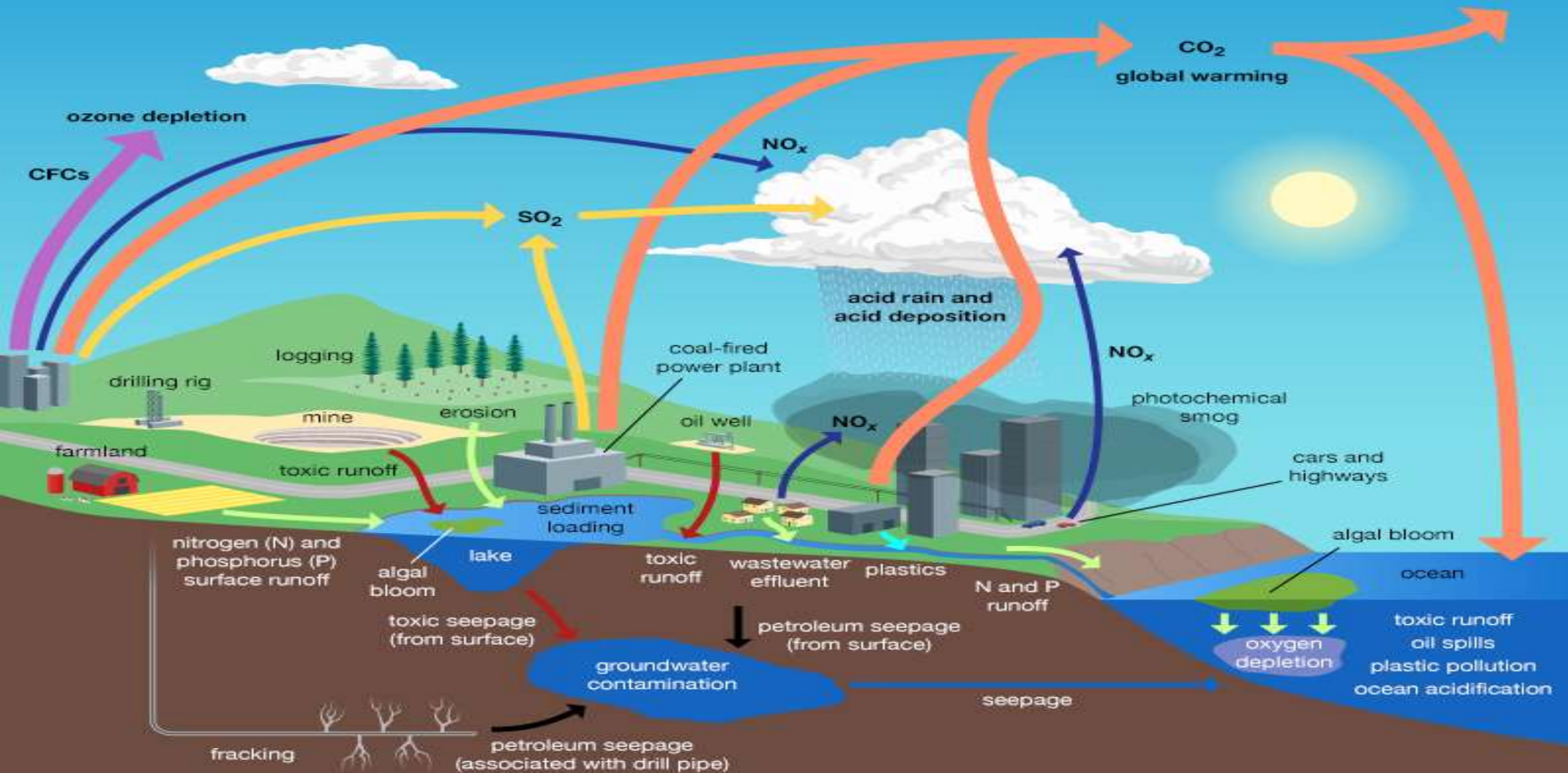


Requirement 5b



**Investigate how and
why the pollution
happened**

AIR, LAND, AND WATER POLLUTION





Requirement 5c



Explain how you can keep from polluting water.

HOW TO PREVENT WATER POLLUTION



KEEP

CALM

AND PREVENT

WATER

POLLUTION

- Conserve water by turning off the tap when running water is not necessary.
- Don't throw paints, oils or other forms of litter down the toilet.
- Take great care not to overuse pesticides and fertilisers.
- Don't throw litter into rivers, lakes or oceans.



Requirement 5c Answer



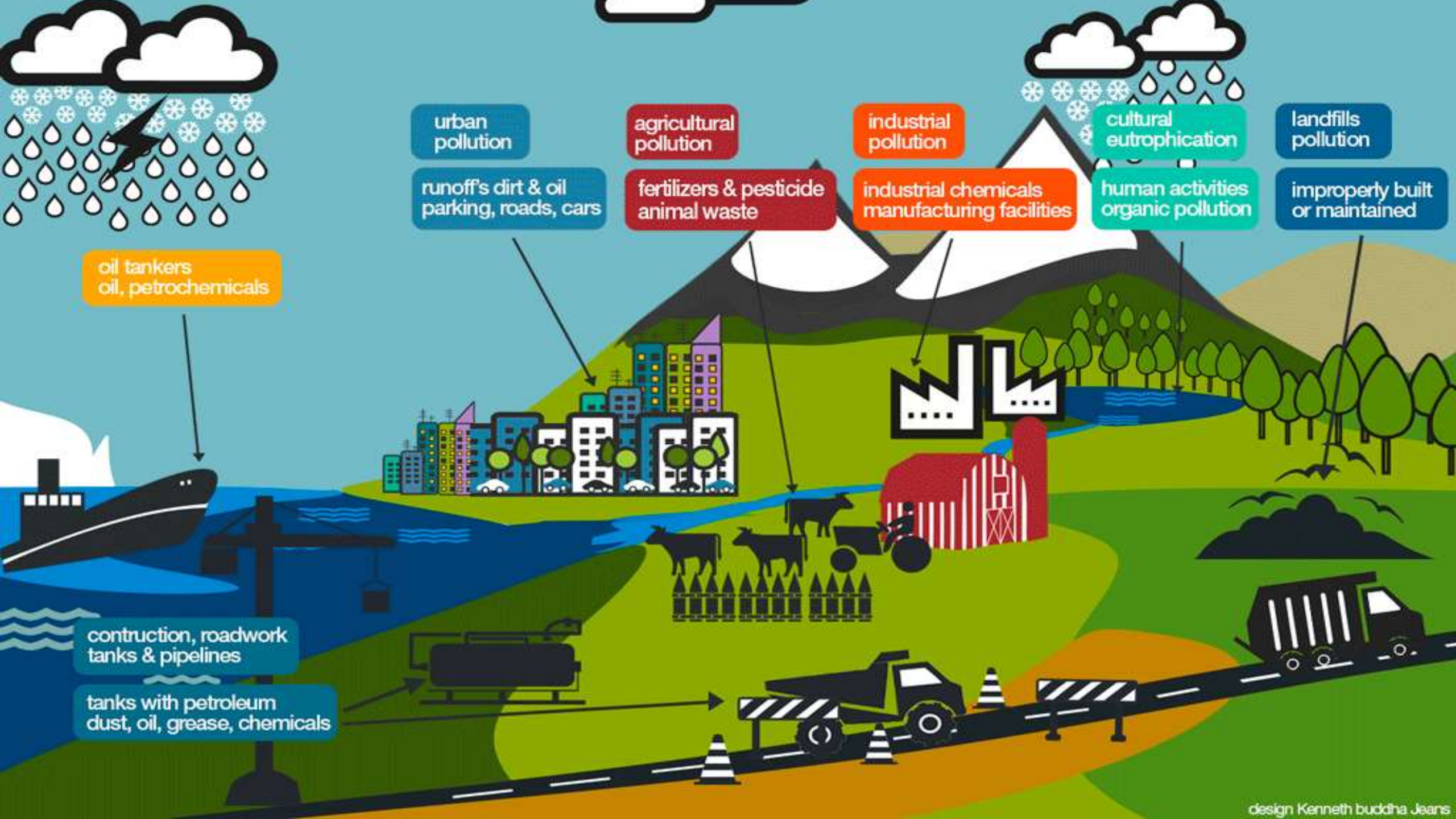
Not polluting our water with litter, plastics, human or chemical waste



Requirement 5d



**What dangers threaten the
quality of air?**



urban pollution

runoff's dirt & oil parking, roads, cars

agricultural pollution

fertilizers & pesticide animal waste

industrial pollution

industrial chemicals manufacturing facilities

cultural eutrophication

human activities organic pollution

landfills pollution

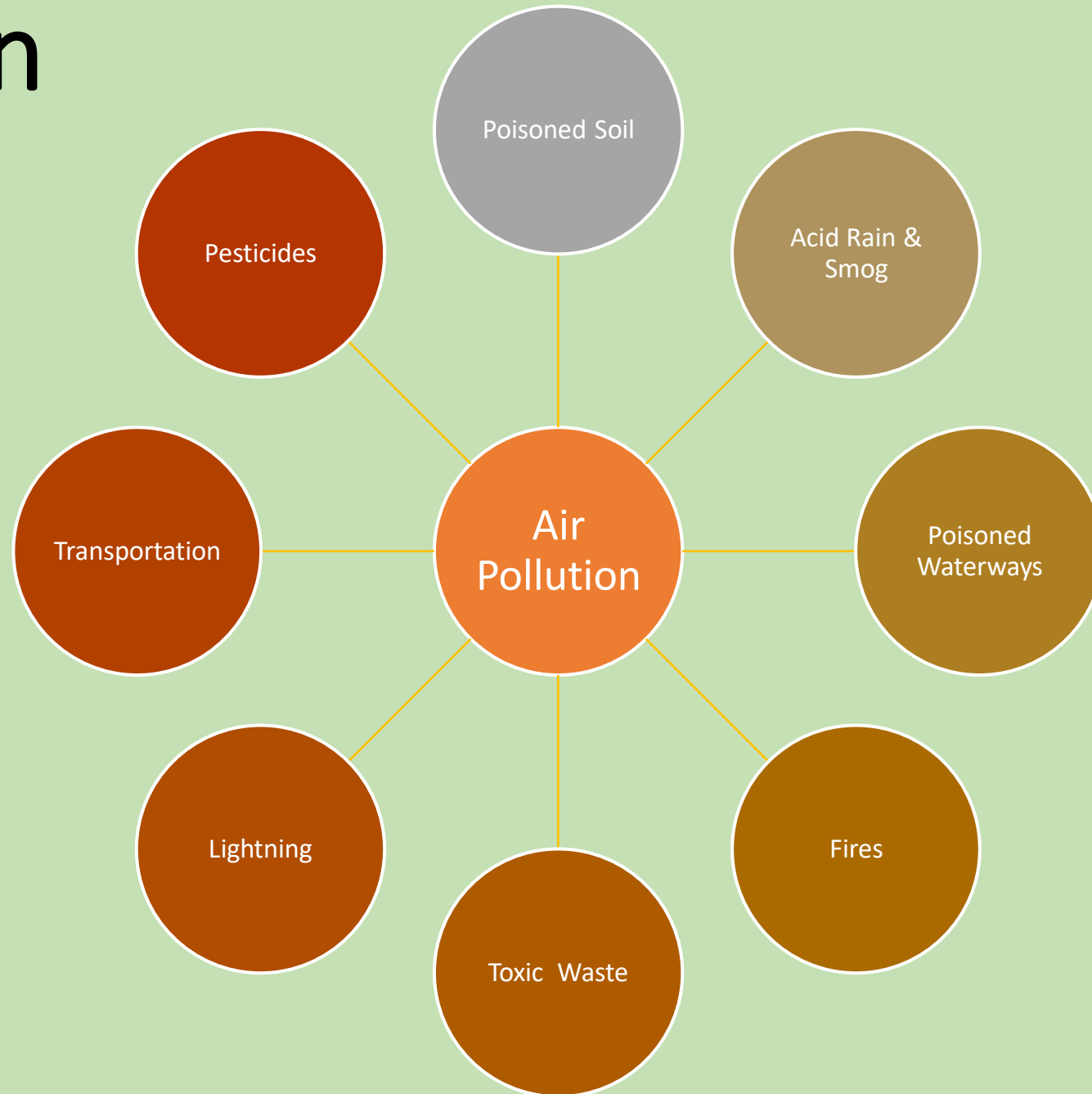
improperly built or maintained

oil tankers oil, petrochemicals

construction, roadwork tanks & pipelines

tanks with petroleum dust, oil, grease, chemicals

Air Pollution





Our World
may not be
as healthy
as it looks



Optional Requirement 6c



Help collect paper, cans or other materials for recycling to help clean the environment.



Requirement 7



**Do your part
With your craft**



Earth Made New Mural



Recycle Empty
Yogurt Pots To
Serve Celery
and Carrot
Snacks





Earth Made New Mural





In Summary



- Our world may not be as healthy as it looks.....
- Handle it with care