WATER POLLUTION

Starter Activity?
https://www.youtube.com/watch?v=77Mv8pauMKc

What is water pollution?

Describe the difference between point and non-point sources of water pollution.

Fill in the table on the opposite page using the terms below. If you don't know the term, use a dictionary.

Use the terms below to fill in the first (Land Use) and second (Possible Pollutants) columns.

Parking Lot	Residential	Farming	Recreational	Construction	Straightened
Urban area	Parks	Industrial	Sewage	Roads	Channel

Sediment	Pesticides	Fertilizers	Animal waste	Automotive
Rubbish	Toxic waste	Cleaning fluids	Human waste	Fluids

Now use these terms to complete the third (Best Management) column.

Buffer zones	Natural vegetation	Water treatment	Minimize fertilizer or pesticides	Clean up animal waste
Build roads away from streams	Pick up litter	Strict rules for industry	Reduce traffic	Return river to natural course

<u>Assignment Activity:</u>
You are going to make a slideshow presentation on the sources of pollution for the Lam Tsuen River in Tai Po. This is an important river with a long history in Hong Kong.

You will need to use the map link below to locate sources of pollution by starting at the source and following the river to the mouth. Each of these are marked for you.
https://www.google.com/maps/d/edit?mid=zhlhop5BapN0.kxf7maKuTBVQ

After you identify the sources of pollution, look for a street view of the location. Take a screen shot of the street view and put the picture into the slide. Identify the type of land use, pollution type and the best management for this type.

Your teacher will determine how to submit your work and advise you in class.

Helpful link.
http://www.greenpower.org.hk/river/eng/lamtsuens.asp

Extension Activity: Watch this video!
https://www.youtube.com/watch?v=lgLIMaZAJj0

Picture	Land Use	Possible Pollutants	Best Management