LESSON PLAN
Environment

Name of school	Colegiul Tehnic, ARAD
Area	Environment
Level	Intermediate
Time needed	50 min.
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Environmental protection

I Pre-reading

1) Find as many words as you can connected to pollution.
2) Make a list of the bad effects of pollution.
3) How can we prevent them?

II Reading comprehension

1) Read the text below and complete your answers to the previous questions:

Spill-Sentry is an integrated oil warning system. The Spill-Sentry System contains two elements:
1. Spill detection buoys deployed in the field;
2. A PC base station running the Spill View application software;
When a spill is detected the Spill View software telephones response team members. A visual and audible alarm also goes off at the base station. The benefits of our alert system include:
- total confidence that spills are reliably detected means fewer nasty surprises
- faster slick containment results in a significant reduction in clean-up costs
- earlier spill detection equals better environmental stewardship
- implementation of leading edge environmental technology generates positive press, image and brand.
Applied Microsystems' Spill-Sentry comprises a sensor buoy –deployed where oil would be detected- and a PC base station where data is processed. The system is extremely sensitive and able to detect as few as five microns of hydrocarbon-on-water. Spill-Sentry detection encompasses all area of oil pollution. The array of detectable hydrocarbons is extensive and includes crude, gasoline, aviation fuel, diesel, bilge and bunker.
The buoys communicate with the base station via cable, radio, or satellite communication protocols. Each buoy sends sample data to the base station, where the data is analyzed to determine if a spill has occurred. The sample frequency is programmable by the user.

2) From the headlines given below choose the most appropriate one:

Warning systems
Oil pollution
Environmental protection

3) Answer these questions on the text:
   a) Is the Sill-Sentry warning system safe?
   b) Why do you think they use both visual and audible alarms?
   c) If you were in the position of choosing this programme for your company, would you do so? Why (not)?

III Language work

1) Match the words with their definitions:

1) Hydrocarbons
2) PC base station
3) Clean-up costs
4) Alarm

a) A station where data is processed
b) Cost for cleaning the environment
c) Audible or visual warning
d) Substances like gasoline, diesel

2) Fill in the gaps with suitable words:

   a) Only we can... the environment.
   b) Water can be ....
   c) There is a... system built for oil pollution.
   d) The system has... elements.
   e) If the... goes off you have a.... detected.
   f) Gasoline, aviation fuel and diesel are...

IV Interpretation

Work in groups of 4/5. Imagine that one of you represents Spill-Sentry, one is the host of a TV show and the rest represent a company interested in buying the product. Act out the TV show.

V Response

Think of an environmental issue in your area. Write a letter of complaint to the authorities, describing the problem, its effect on the environment and suggesting possible solutions. (150-200 words)