

**NAME OF THE SCHOOL**  
**2<sup>nd</sup> ESPERINO T.E.E. OF PERISTERI**

**A1 DETAILS OF THE SCHOOL AND THE CLASS**  
GYMNASIUM (ages 13-15)   
LYCEUM (ages 16-18)  COMPREHENSIVE LYCEUM

Participating pupils belong to: A CERTAIN CLASS   
DIFFERENT CLASSES

TOTAL NUMBER OF PARTICIPATING PUPILS   
Number of participating pupils, ABLE TO COMMUNICATE IN ENGLISH

DISTANCE BETWEEN THE SCHOOL AND THE BEACH

**A2. OTHER DETAILS OF THE SCHOOL AND THE CLASS**

2<sup>nd</sup> ESPERINO T.E.E. OF PERISTERI is open in the evening hours (19.00 - 22.30) and all pupils work every day . They study Electricians, Mechanical engineering and Coiffure.  
So, it was difficult for us to organize some visits to the beach, but the environmental team interested enough about SEMEP and our theme.

**B DESCRIPTION OF THE BEACH**  
(Page 2 of SEMEP Worksheets for Students)

DRAW ONE DIAGRAM (or more) OF THE BEACH AREA. Indicate length, width, type of land area, man-made structures present, facilities available, state of the sea, type of seabed etc.

**OROPOS BEACH (ATTICA)**

LENGTH: 1300 m  
WIDTH : 25 m  
Land Area: river deposits, clay and pebbles  
The sea bed is sandy and many cobbles cover some areas.  
The sea bed contains sand, pebbles, cobbles and mud near the port.  
Some fish -taverns are situated along the beach, more near the port.  
Many cars and travelers enter the ship twice an hour going to Evia Island  
Too many people from Athens visit this beach in the summer for swimming, others stay there for all the summer and others visit it for some hours in the other seasons . Many

Why did you choose this particular site for your study?  
We choose that beach because it is a main area for vacation in Athens

**C1 GOOD BEACH SCORES - ENVIRONMENTAL INDICATOR**

( WINTERTIME  or SUMMERTIME  )

PARTS	SUB-SCORES	COMMENTS ON THE INVESTIGATION
A. accessibility	10	
B. facilities	08	
C. use of the beach	09	
D. maintenance/improvements	10	
E. cleanliness of the sea	08	
F. cleanliness of the land area	09	
G. cleanliness of the seabed	10	
H. attractiveness	10	

GOOD BEACH SCORE (sum of A - H sub-scores)

ENVIRONMENTAL INDICATOR (sum of D - H sub-scores)

**C2 DISCUSSION**

a. YOUR OPINIONS on the suitability and feasibility of the suggestions given in response to question 5 for the interview (part H).

b. YOUR SUGGESTIONS on how the environmental group of your school can take action to help remedy the situation.

1. Sending a letter to the Municipality about the cleanliness of the sea.
  2. The Ministry of the Environment must measure heavy metals contained in the sea water and to the sea bed (toxic metals, as Cd, Hg, Cu, Mn, Zn, As). We 'll sent a letter.
  3. The beach must be clear all the seasons, not only in the summer. We ask to the Municipality to use environmental groups and volunteers.
  4. We 'll suggest to Port Authority to stop the pollution of the sea from the ships (oil, litters)
  5. We 'll visit the beach on May to clear it and to take 2 samples of seawater. After we 'll visit the University of Athens/Chemistry Laboratories for chemical analysis.

c. COMPARING data collected (parts A-G) with the information obtained by the interview (part H).

PARTS	YOUR DATA	INFORMATION OBTAINED BY THE INTERVIEW	COMMENTS AND EXPLANATION OF DIFFERENCES
A. accessibility			
B. facilities			
C. cleanliness of the sea			
D. cleanliness of the land area			

**D2 THE BEST NEWSPAPER ARTICLE ON THE TRUTH OF THE STATEMENT:**

“TECHNOLOGY DEVELOPMENT HAS INCREASED THE PROSPERITY OF THE PEOPLE THAT LIVE IN SEASIDE AREAS WITHOUT HARMING THE PEOPLE AND THE ENVIRONMENT” (200-300 words)

**ACTIONS:**

1. For SEMEP we cooperate with other schools: 2<sup>nd</sup> T.E.E. PERISTERIOU – 4<sup>TH</sup> GYMNASSIUM OF AGII ANARGIRI, 2<sup>ND</sup> GYMNASIUM SITIAS, 1<sup>ST</sup> TEE NIGRITAS, 36<sup>TH</sup> LYCIO ATHINON
  2. Also, we visited the Ministry of Environment (147 Patission street, Athens) and we took books and leaflets about the sea environment. They give us many cd-roms about the pollution of the Greek beaches. We found that the most beaches are clear for swimming.
  3. The Syndicate of Greek Oceanographers, gave us a book with all the Public Authorities and Universities Which work about the sea.
  4. Every week we discuss for two hours about the sea environment.
- Minas Proimakis  
Dr. geologist