



Version 3.0

Objectives

1. To compare the characteristics and location factors among different industries.
2. To conduct a preliminary study of Hong Kong industrial development.

Equipment List

Items	Quantity	Checked	Returned
1. Base map (Individual)	x1	<input type="checkbox"/>	<input type="checkbox"/>
2. Sound meter	x1	<input type="checkbox"/>	<input type="checkbox"/>

Field Work

1. Refer to base maps, maps 1.1a, 1.1b and 1.2.
2. In districts 1 and 2, take a walk around the route, observe the surroundings and take records in table 1.
3. Check the noise level and pollution types at specific points on the map, and mark down in tables 2 and 3.
4. In district 3, observe the surroundings and take records in table 4.
5. Students are reminded to be careful on roads.

Related Concepts

Light industry Heavy industry Location factors Environmental problems Industrial relocation
Transnational cooperations Local industrial development Sustainable development

Part A: Background Information

1. The field study is located in Tuen Mun, where is an inner city area / a new town and includes industrial zones / high technology industrial zone.
2. The southwest part of Tuen Mun carried out _____, providing more flatland for the industrial development.

Part B: Data Collection

Table 1 Refer to map 1.2 and observe the surroundings, identify and record the industries and the related activities in districts 1 and 2.

Industries and the related activities: (1) Food and Beverage Manufacturing (2) Clothing Manufacturing
(3) Storage (4) Offices (5) Others

	Industries and the related activities	Chimney (✓/✗)		Industries and the related activities	Chimney (✓/✗)
A			J		
B	(3) 、 (5)		K		
C			L		
D	(3) 、 (5)		M		
E			N	(3) 、 (4) 、 (5)	
F	(1) 、 (2)		O	(3) 、 (4) 、 (5)	
G			P	(4) 、 (5)	
H					
I					

Table 2 Identify and record the types, sources and degrees of pollution found in districts 1 and 2, and check the noise level.

	Types of Pollution	Found/ Not Found	Sources of Pollution			Degrees of pollution	
District 1	Noise Level (dB)	1.	2.	3.	4.		
	Noise Pollution					light / moderate / serious	
	Air Pollution					light / moderate / serious	
	Water Pollution					light / moderate / serious	
	Solid Waste					light / moderate / serious	
District 2	Noise Level (dB)	1.	2.	3.	4.		
	Noise Pollution					light / moderate / serious	
	Air Pollution					light / moderate / serious	
	Water Pollution					light / moderate / serious	
	Solid Waste					light / moderate / serious	

Do you see any residential areas near District 1? Yes (e.g. _____) / No.

Do you see any residential areas near District 2? Yes (e.g. _____) / No.

Table 3 Identify and record the types, sources and degrees of pollution found in District 3, and check the noise level.

	Types of Pollution	Found/ Not Found	Sources of Pollution			Degrees of pollution
District 3	Noise Level (dB)	1.	2.	3.	4.	
	Noise Pollution					light / moderate / serious
	Air Pollution					light / moderate / serious
	Water Pollution					light / moderate / serious
	Solid Waste					light / moderate / serious

Table 4 Record the factories near District 3.

Locations	Factories
(a)	
(b)	
(c)	
(d)	
(e)	
(f)	

Extended Question

What are the linkages among these factories ? Why do they agglomerate?

Part C Discussion

1. Complete the table and compare the industries in Tuen Mun.

	Types of Industries	Characteristics of the Industries	Location Factors
District 1			
District 2			
District 3			

2. What problems are caused by the industrial activities in the studying areas? Illustrate with the fieldwork data.

3. How has industrial development in districts 1 and 2 been affected by the relocation of industries?

4. What are the transnational corporations in Tuen Mun industrial areas?

Despite the relocation of industries, why do they stay in Hong Kong?



Has Tuen Mun industrial development applied the principle of sustainable development?