Urban Dilemma: An urban planning activity

Introduction:

The purpose of "Urban Dilemma" is to introduce you to the concept of urban planning. The job of an urban planner team is to create an efficient city, where the different land uses work in harmony. You have been provided with a planning board that has a grid layout. Your job is to locate the squares that represent urban land use on this board. You should do this in a logical manner so that you can justify your decisions.

Instructions:

1. Each coloured square represents one percent of a city's land use. There are different colours used for the different land uses. Please check that your group's package contains the correct number of squares:

   Industrial = RED (11 squares)
   Residential = PURPLE (40 squares) (high, low housing)
   Commercial = YELLOW (5 squares)
   Transportation = GREY (25 squares)
   Institutional = PINK (7 squares)
   Vacant Land = ORANGE (4 squares)
   Open Space = GREEN (8 squares)
   Water = BLUE (Note: The water areas have already been designated on the map.)

In addition, various squares represent specific features:
Elementary School = E (2 of the pink squares)
Secondary School = S (1 of the pink squares)
Hospital = H (1 of the pink squares)
Church = + (2 of the pink squares)
Government Offices = G (1 of the pink squares)
Vacant Land = V (all of the orange squares)
Park or Playground = P (6 green squares)
Cemetery = C (2 green squares)
Bridges = B (2 grey squares - These must be used to cross the river at two different locations)

2. Design a city using these squares. In your "Urban Dilemma" design, you must keep in mind the following criteria:
   - i) All squares must be used.
   - ii) Industrial zones must not be directly adjacent to (i.e., beside) residential areas.
   - iii) Every attempt should be made to locate your industrial, residential, commercial, and institutional squares along a transportation route (this includes the river, the lakeshore, and any transportation square).
   - iv) Use the large board to design your city. There is one board per group.

3. Complete the Land Use Organizer as your group completes the assignment. When the group is satisfied with the placement of the squares, the group will complete the Urban Dilemma land use map and each member will complete the land use paragraph individually.

4. Each group will make a brief 5 minute presentation to the class, specifically explaining three land use locations.

5. Group maps and individual assignment sheets will be submitted for evaluation.

Evaluation:

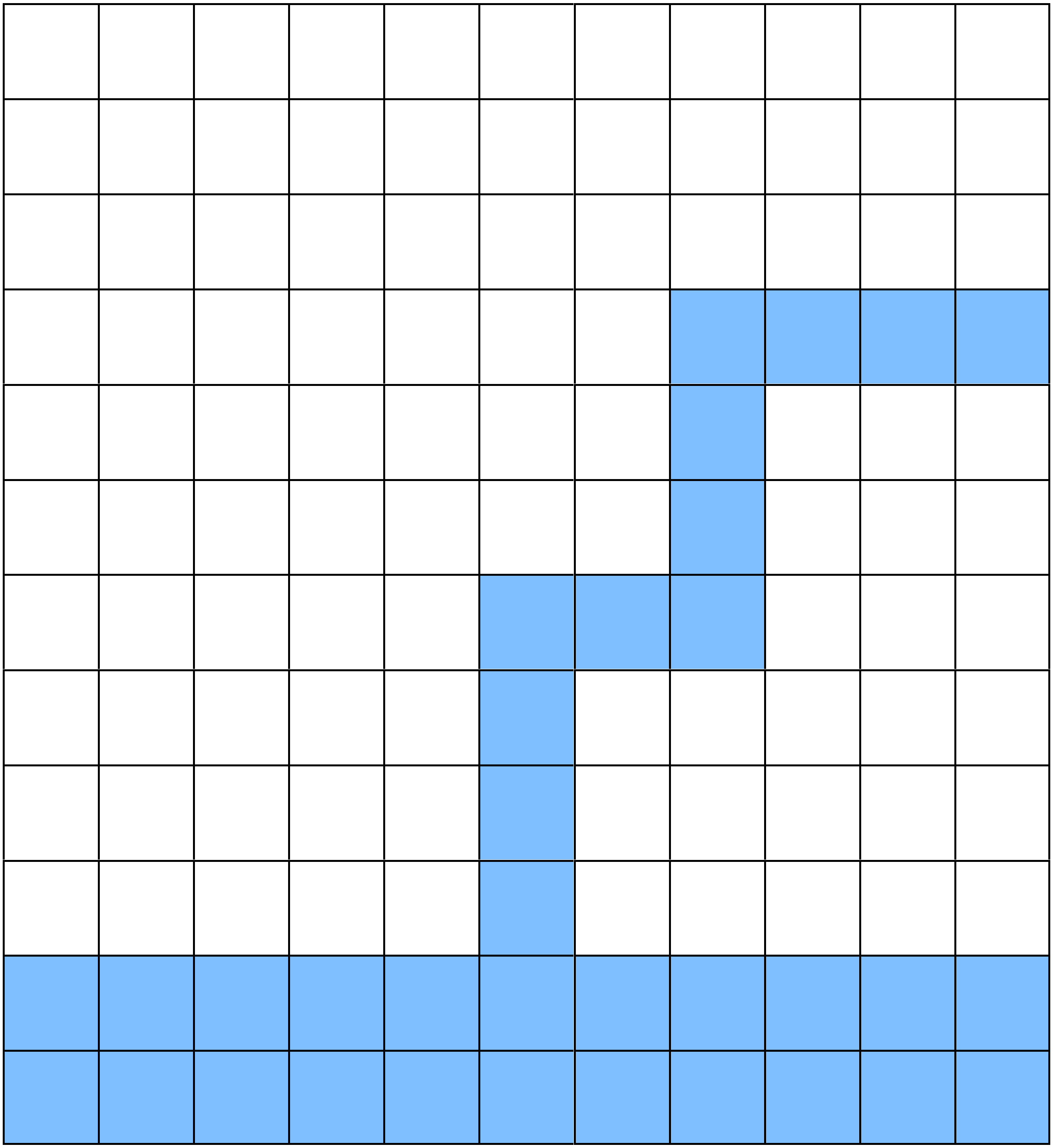
MAP	/20
ORGANIZER	/20
PARAGRAPH	/20
PRESENTATION	/20
GROUP PARTICIPATION	/10
	/90

Dates Due:

Work periods: ____

Presentations: _______________________________________

Paragraphs/maps due: ______________________________



	INDUSTRIAL
	RESIDENTIAL
	COMMERCIAL
	TRANSPORTATION
	INSTITUTIONAL [Elem.. Sch. (E), Sec. Sch. (S), Hosp. (H), Church (+), Gov't Off. (G)]
	VACANT LAND [Land which has never been developed, as well as previously developed land awaiting a new use (V)]
	OPEN SPACE [Park or Playground (P), Cemetery (C)]
h	**WATER**

Name(s):

Urban Dilemma Assignment Sheet

1. Complete the following chart: Land Use Organizer

AREA	LOCATION IN CITY	RATIONALE FOR LOCATION
INDUSTRIAL		
RESIDENTIAL		
COMMERCIAL		
TRANSPORTATION		
INSTITUTIONAL		
VACANT LAND		
OPEN SPACE		

2. In a properly developed paragraph, describe the rationale of three land use locations. Please construct the paragraph on a separate piece of lined paper.
