

Computer City Design (0-80 Points)

Rubric Score Sheet Guide

Judge's Name

Future City Name: _____

School Name: _____

Criteria	Rubric point scale						Score
	0	1	2	3	4	5	
<p>City Layout Criteria</p> <p>Do the residential areas have higher property values)?</p>	No.	Yes. Highest Rated Land Value = Low	Yes. Highest Rated Land value = Medium	Yes. Highest Rated Land value = High	Yes. Highest Rated Land value = Very High	Yes. Highest Rated Land value = Astronomical	
Is there adequate coverage of police stations, and fire stations?	None.	Either some police coverage or some fire coverage.	Some police coverage and some fire coverage.	Adequate police and fire coverage Not all populated areas covered. coverage in other	Excellent coverage for either police or fire. Adequate and fire coverage. area.	Excellent police and fire coverage. Interlocking circles for police	
<p>What are the letter grades for the following institutions?</p> <p>Hospitals, _____</p> <p>Schools, _____</p> <p>Colleges, _____</p> <p>Museums, _____</p> <p>Libraries, _____</p>	No hospitals, schools, colleges, museums, or libraries.	Only one institution with letter grade "A". All other institutions grades "B" or worse.	Two institutions with letter grade "A". Other institution grades "B" or worse.	Three institutions with letter grade "A". Other institution grades "B" or worse.	Four institutions with letter grade "A". Other institution grades "B" or worse.	All institutions with letter grade "A".	
Are there factories located throughout the industrial zoned areas?	None	Only one type of factory.	Onlt two different types of factories.	At least one factory in 1/4 of industrial zoned areas <u>OR</u> At least 3 different types of factories.	At least one factory in 1/3 of industrial zoned areas <u>OR</u> At least 4 different types of factories.	At least one factory in 1/2 of industrial zoned areas <u>OR</u> At least 5 or more different types of factories.	
Are there high-tech industries? (SimMars Research Facility, Software Studio, and Industrial Lab)	None	Presence of one of any type.	Presence of one of any type (2 or more total buildings.	Presence of two of any type.	Presence of two of any type (4 or more total buildings.	Presence of all three different types of high-tech industry.	

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Are there agricultural areas (zoned industrial)?	No farms	Existing Farm greater than 50% redeveloped.	Existing Farm less than 50% redeveloped.	One Small Farm (Approx. 8 x 8 Tiles)	Two Small Farms OR One Medium Farm (Approx. 12 x 12 Tiles)	One Large Farm (Approx. 16 x 16 Tiles) OR Three Small Farms OR Two Medium Farms	
Are various forms of garbage disposal used along with recycling?	None	One form of Garbage Disposal OR Recycling used, with an "inadequate" recycling rating.	One form of Garbage Disposal AND Recycling used, with an "inadequate" recycling rating.	Two forms of Garbage Disposal AND Recycling used, with an "inadequate" recycling rating.	One form of Garbage Disposal AND Recycling used, with an "adequate" recycling rating.	Two forms of Garbage Disposal AND Recycling used, with an "adequate" recycling rating.	
Energy Criteria Is there power to all areas within the city?	No Power (0% Powered)	Large areas without power (Approx. - 1% to 50% Powered).	Many areas without power (Approx- 51% to 75% Powered).	Many areas with Power (Approx. - 76% to 95% Powered).	Small areas without power (Approx. - 96% to 99% Powered).	100% Powered.	
Is there water to all areas within the city?	No Water Systems (0% Watered)	Large areas without water systems (Approx. 1% to 50% Watered).	Many areas without water (Approx. 51% to 70% Watered).	Many areas with water systems (Approx. 71% to 90% Watered).	Small areas without water systems (Approx. 90% to 99% Watered).	100% Watered	
Is air and water pollution under control?	Overall picture is "red" for both air and water.	More red than pink for both air and water.	More dark pink, some light pink for both air and water.	More light pink, some dark pink for both air and water.	More clean than light pink for both air and water.	Some light pink, overall picture is "clean" for both air and water.	
Transportation Criteria Does the public transportation system provide full mobility for the people? (rail, subway, and buses)	No.	Minimal coverage, bus OR rail OR subway.	Adequate coverage, bus OR rail OR subway.	Adequate coverage, one system, minimal service via other two systems.	Uniform coverage using two of three systems.	Uniform city-wide distribution of bus stations, subway and rail service.	
Is there adequate mobility for the transport of goods and services? – rail and roads	No.	Roads <u>OR</u> Rails connecting all zones, Poor Layout, None or one connection to neighboring cities.	Roads <u>AND</u> Rails connecting all zones, Poor Layout, None or one connection to neighboring cities.	Roads <u>OR</u> Rails connecting all zones, Good Layout, None or one connection to neighboring cities.	Roads <u>AND</u> Rails connecting all zones, Good Layout, at least one connection to neighboring cities.	Roads <u>AND</u> Rails connecting all zones, Good Layout, at least two connections to neighboring cities.	

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Is there a developed seaport and airport compatible with the size of the city?	Neither seaport nor airport present.	Either zoned area for seaport <u>OR</u> airport is present. Not developed.	Both seaport <u>AND</u> airport zoned areas are present. Neither developed.	Either a seaport <u>OR</u> airport is present. Developed.	Both seaport <u>AND</u> airport present. One or both partially developed.	Both seaport <u>AND</u> airport present. Developed.	
Recreation Criteria Are there enough parks, forests, and playgrounds in the city based on the population of the city?	No acres.	Sparse coverage of Forests <u>OR</u> Population/Park Acres Ratio of 5000 to 1 or worse	Some coverage of Forests <u>OR</u> Population/Park Acres Ratio between 5000 to 1 and 2500 to 1	Some coverage of Forests, <u>AND</u> Population/Park Acres Ratio between 5000 to 1 and 2500 to 1	Some coverage of Forests, <u>AND</u> Population/Park Acres Ratio between 2500 to 1 and 1500 to 1 <u>OR</u> Population/Park Acres Ratio of 1500 to 1 or better	Dense forests, <u>AND</u> Population/Park Acres Ratio of 1500 to 1 <u>OR</u> Population/Park Acres Ratio of 1000 to 1 or better	
Are there an adequate number of recreation areas including: sports stadium, zoo, and marina?	No recreational areas.	Two to Three areas <u>OR</u> one type of recreational area per 500,000 persons	Four to Five areas <u>OR</u> two types of recreational areas per 500,000 persons.	Six to Eleven areas <u>OR</u> three types of recreational areas per 500,000 persons.	Twelve to Fourteen areas <u>OR</u> at least three types of recreation areas per 250,000 persons.	15 or more areas <u>OR</u> at least three types of recreation areas per 100,000 persons.	
Are there an adequate number of special attractions in the city? (This does not include landmarks)	No special attractions.	One special attraction.	Two special attractions.	Three special attractions.	Four special attractions.	Five or more special attractions.	
Total Points (0-80)							