

2009–2010 National Engineers Week Future City® Competition

# Computer City Design Self-Evaluation Sheet

(0–16 points)

Students must use *SimCity 4 Deluxe* software to create their future city.

The Computer City Design and completed Computer Evaluation Sheet must be submitted to your regional coordinator.

Use instructions on the reverse of this sheet to help you evaluate your future city.

|   |       |                   |       |
|---|-------|-------------------|-------|
| Future City Name                                  |       |                   |       |
| City Size   | Small | Medium            | Large |
| Teacher Name                                      |       |                   |       |
| Engineer-Mentor Name and Employer:                |       |                   |       |
| Engineer-Mentor Address                           |       |                   |       |
| Engineer-Mentor E-mail                            |       |                   |       |
| Engineer-Mentor Professional Society Affiliation: |       |                   |       |
| School Name                                       |       |                   |       |
| School Address                                    |       |                   |       |
| School Phone Number                               |       | School Fax Number |       |
| Teacher E-mail Address                            |       |                   |       |

Verified for Accuracy (Signed by teacher or engineer-mentor)

Date

| <b>Computer Evaluation of Your Future City</b>  |                    |     |    |
|---|--------------------|-----|----|
| Each "yes" is worth 2 points -- Maximum number is 16 points   |                    |     |    |
|   | Enter Values       | Yes | No |
| 1. Has your city progressed at least 150 years (year 150) into the future? Above?                               |                    |     |    |
| 2. Does your city have a population of at least 50,000?   |                    |     |    |
| 3. Is your city clear of any loans?   | N/A                |     |    |
| 4. Are your residential, industrial, and commercial tax rates all Under 8%?<br>List your max tax rate for each. | R =                |     |    |
|   | I =                |     |    |
|   | C =                |     |    |
| 5. Does your city have a balanced budget? Your budget is balanced if your income is greater than your expenses. | Income             |     |    |
|   | Expenses           |     |    |
| 6. Are the Sims happy with your performance as Mayor of your City? (Four or more City Opinion Polls are Green). | N/A                |     |    |
| 7. Are there no complaints from your Sims about traffic problems?   | N/A                |     |    |
| 8. Do you have at least 2 connections to neighboring cities in your region?                                     |                    |     |    |
|   | Total Point (0–16) |     |    |

Add number of check marks in the Yes column and multiply by 2

Computer Evaluation Sheet Total Points (0–16)

Insert numbers in "Enter Values" column.