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APES-	Smog	City

APES- Smog City	www.smogcity.com
Name:	
may take time to load. There	the page, click on the link- "run smog city". Be patient, it is are six variables you can manipulate in the simulation. You tables to discover the answers to the following questions.
 Variables: (Pick One for Ea Air Speed (little win Inversion Level- hei Temperature (therm Cloud Cover (clouds Population (plain medical) Emissions (dials at the 	dmill) Ight of air mass that traps pollution (black stripe) Isometer) Isometer) Isometer)
1) What is AQI? What levels	s are there for air quality?
2) What is Ozone and <i>why a</i>	re children most at risk?
3) How does air speed and	wind affect the level of smog in the city? Explain.
4) How does temperature a	ffect the level of smog in the city? <i>Explain</i> .
5) Which type of emission lawhy.	has the greatest affect on air quality? <i>Identify and explain</i>
6) Would you expect there to	be more smog on a cloudy day or a clear day? Explain.

RESET the simulator and try to create the WORST conditions for smog in your cityyou should be able to get the air quality index up to unhealthy levels- What are the readings for each of your variables to produce the nastiest city air? Discuss.