

Ozone Hole Activity

Name _____ Block _____

A. Mapping



1980



1985



1990



1996 (No satellite in place in 1995.)



2000



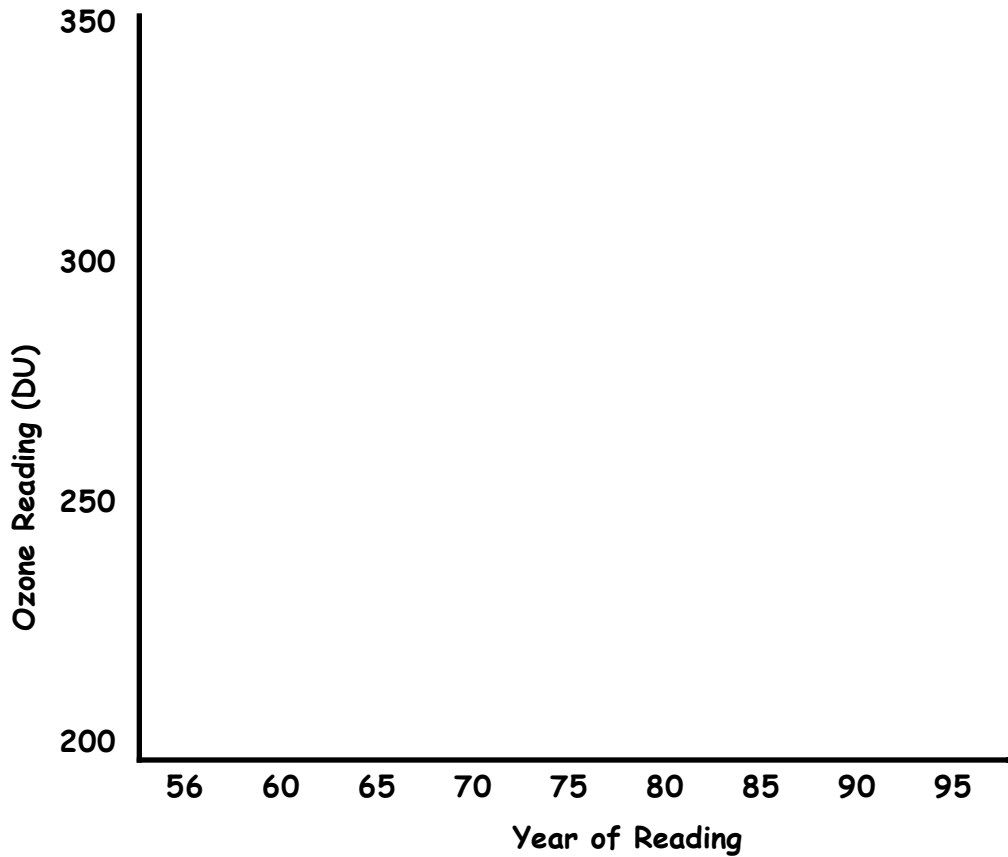
2005

B. Graphing: Use the following information to graph the average yearly Ozone Readings from 1956 to 1996. Be careful NOT to graph each year, just every five years!

Annual average ozone readings (Dobson Units)

Year	Average ozone reading	Year	Average ozone reading	Year	Average ozone reading
1956	318	1970	307	1984	260
1957	312	1971	314	1985	247
1958	333	1972	306	1986	272
1959	309	1973	292	1987	235
1960	318	1974	301	1988	270
1961	312	1975	298	1989	235
1962	327	1976	300	1990	231
1963	319	1977	302	1991	239
1964	320	1978	301	1992	233
1965	295	1979	303	1993	225
1966	304	1980	280	1994	232
1967	310	1981	278	1995	210
1968	302	1982	276	1996	216
1969	286	1983	270		

vs.



Results Sentence: _____

SUMMARY QUESTIONS:

1. Predictions:



2010

Explain why you predicted this for 2010:



2050

Explain why you predicted this for 2050:

2. What is Ozone?
3. What does it do FOR us?
4. How can it hurt us?
5. What does your graph tell you about what has happened to the thickness of the Ozone layer during the period from 1956 to 1995?
6. Explain in your own words how CFCs damage the ozone layer. (Look it up!)
7. Why is the Ozone Layer important to your health?
8. List some of the things we are doing to decrease the damage to the Ozone Layer.
9. What do you predict for the future of the Ozone Layer?