Graphing Sunspot Cycles

1. Set up a graph on your graph paper in landscape mode, with years on the x-axis and number of sunspots on the y-axis.
2. Number the graph so that everybody in your group has the SAME scale.
3. Use the "x" as the origin point for your graph, then plot the sunspot number against time.

*Sunspot number table, courtesy of the National Geophysical Data Center in Boulder, Colorado. and WDC-SILSO, Royal Observatory of Belgium, Brussels

Year	Average Sunspot Number	Year	Average Sunspot Number	Year	Average Sunspot Number	Year	Average Sunspot Number	Year	Average Sunspot Number	Year	Average Sunspot Number
1700	5.0	1754	12.2	1808	8.1	1862	59.1	1916	57.1	1970	104.5
1701	11.0	1755	9.6	1809	2.5	1863	44.0	1917	103.9	1971	66.6
1702	16.0	1756	10.2	1810	0.0	1864	47.0	1918	80.6	1972	68.9
1703	23.0	1757	32.4	1811	1.4	1865	30.5	1919	63.6	1973	38.0
1704	36.0	1758	47.6	1812	5.0	1866	16.3	1920	37.6	1974	34.5
1705	58.0	1759	54.0	1813	12.2	1867	7.3	1921	26.1	1975	15.5
1706	29.0	1760	62.9	1814	13.9	1868	37.6	1922	14.2	1976	12.6
1707	20.0	1761	85.9	1815	35.4	1869	74.0	1923	5.8	1977	27.5
1708	10.0	1762	61.2	1816	45.8	1870	139.0	1924	16.7	1978	92.5
1709	8.0	1763	45.1	1817	41.1	1871	111.2	1925	44.3	1979	155.4
1710	3.0	1764	36.4	1818	30.1	1872	101.6	1926	63.9	1980	154.6
1711	0.0	1765	20.9	1819	23.9	1873	66.2	1927	69.0	1981	140.4
1712	0.0	1766	11.4	1820	15.6	1874	44.7	1928	77.8	1982	115.9
1713	2.0	1767	37.8	1821	6.6	1875	17.0	1929	64.9	1983	66.6
1714	11.0	1768	69.8	1822	4.0	1876	11.3	1930	35.7	1984	45.9
1715	27.0	1769	106.1	1823	1.8	1877	12.4	1931	21.2	1985	17.9
1716	47.0	1770	100.8	1824	8.5	1878	3.4	1932	11.1	1986	13.4
1717	63.0	1771	81.6	1825	16.6	1879	6.0	1933	5.7	1987	29.4
1718	60.0	1772	66.5	1826	36.3	1880	32.3	1934	8.7	1988	100.2
1719	39.0	1773	34.8	1827	49.6	1881	54.3	1935	36.1	1989	15.8
1720	28.0	1774	30.6	1828	64.2	1882	59.7	1936	79.7	1990	142.2
1721	26.0	1775	7.0	1829	67.0	1883	63.7	1937	114.4	1991	145.8
1722	22.0	1776	19.8	1830	70.9	1884	63.5	1938	109.6	1992	94.5
1723	11.0	1777	92.5	1831	47.8	1885	52.2	1939	88.8	1993	54.7
1724	21.0	1778	154.4	1832	27.5	1886	25.4	1940	67.8	1994	29.9
1725	40.0	1779	125.9	1833	8.5	1887	13.1	1941	47.5	1995	17.9
1726	78.0	1780	84.8	1834	13.2	1888	6.8	1942	30.6	1996	8.6
1727	122.0	1781	68.1	1835	56.9	1889	6.3	1943	16.3	1997	21.5
1728	103.0	1782	38.5	1836	121.5	1890	7.1	1944	9.6	1998	64.3
1729	73.0	1783	22.8	1837	138.3	1891	35.6	1945	33.2	1999	93.3
1730	47.0	1784	10.2	1838	103.2	1892	73.0	1946	92.6	2000	119.0
1731	35.0	1785	24.1	1839	85.7	1893	85.1	1947	151.6	2001	110.9
1732	11.0	1786	82.9	1840	64.6	1894	78.0	1948	136.3	2002	104.0
1733	5.0	1787	132.0	1841	23.7	1895	64.0	1949	134.7	2003	63.7
1734	16.0	1788	130.9	1842	24.2	1896	41.8	1950	83.9	2004	40.0
1735	34.0	1789	118.1	1843	10.7	1897	26.2	1951	69.4	2005	29.8
1736	70.0	1790	89.9	1844	15.0	1898	26.7	1952	31.5	2006	15.2
1737	81.0	1791	66.6	1845	40.1	1899	12.1	1953	13.9	2007	7.5
1738	11.0	1792	60.0	1846	61.5	1900	9.5	1954	4.4	2008	2.9
1739	101.0	1793	46.9	1847	98.5	1901	2.7	1955	38.0	2009	3.1
1740	73.0	1794	41.0	1848	124.7	1902	5.0	1956	141.7	2010	16.5
1741	40.0	1795	21.3	1849	96.3	1903	24.4	1957	190.2	2011	56.0
1742	20.0	1796	16.0	1850	66.6	1904	42.0	1958	184.8	2012	57.0
1743	16.0	1797	6.4	1851	64.5	1905	63.5	1959	159.0	2013	65.0
1744	5.0	1798	4.1	1852	54.1	1906	53.8	1960	112.3	2014	79.3
1745	11.0	1799	6.8	1853	39.0	1907	62.0	1961	53.9	2015	69.7
1746	22.0	1800	14.5	1854	20.6	1908	48.5	1962	37.6	2016	39.8
1747	40.0	1801	34.0	1855	6.7	1909	43.9	1963	27.9	2017	21.7
1748	60.0	1802	45.0	1856	4.3	1910	18.6	1964	10.2	2018	
1749	80.9	1803	43.1	1857	22.7	1911	5.7	1965	15.1	2019	
1750	83.4	1804	47.5	1858	54.8	1912	3.6	1966	47.0	2020	
1751	47.7	1805	42.2	1859	93.8	1913	1.4	1967	93.8	2021	
1752	47.8	1806	28.1	1860	95.8	1914	9.6	1968	105.9	2022	
1753	30.7	1807	10.1	1861	77.2	1915	47.4	1969	105.5	2023	