



# META: LAUNCH WINDOWS

And so our review of the Space Age arrives at the present day, in which SpaceX is hard at work on developing reusable launch systems.

Each of your four answers represents a reusable rocket. Three series of launches have been scheduled for this group of rockets. During each group of launches, each rocket is launched at the time of day indicated, and travels upward at the rate of one square per minute. There is also an aerial drone, already airborne, which begins traveling eastward at the indicated time at the rate of one square per minute. At the moment that the drone and the rocket occupy the same volume of space (don't worry, they don't actually crash into each other, as much as they might appear to do so!), the drone will "gather telemetry" about the rocket and transmit that info.

When each rocket has been launched three times and all the telemetry has been analyzed, you will have created a.... **SPACE PROGRAM**

The first letter is 'S' because that rocket starts at 1903, and we have to find the letter that will be in the top square at the same time as the drone (1917). So basically 14 steps from the top. (1917 - 1903), The S is 14 steps. The numbers in red on the side show how this will occur.

1916		S	P	A	C	1920	0103		E	P	R	O	0107	0524		G	R	A	M
1916	317	318	319	320		1919	0103	104	105	106	107	0106	0524	525	526	527	528		
1915						1918	0102					0105	0523						
1914						1917	0101					0104	0522						
1913						1916	0100					0103	0521						
1912						1915	0059					0102	0520						
1911						1914	0058					0101	0519						
1910						1913	0057					0100	0518						
1909				C		1912	0056				C	0059	0517					C	
1908				O		1911	0055				O	0058	0516					O	
1907	T			M		1910	0054			T	M	0057	0515					T	M
1906	A			M		1909	0053			A	M	0056	0514					A	M
1905	K			A		1908	0052			K	A	0055	0513					K	A
1904	E			N		1907	0051			E	N	0054	0512					E	N
1903	S	B	D			1906	0050	B		S	D	0053	0511	B		S	D		
	L	E	M	C		1905	0049	E	C	L	M	0052	0510	E	C	L	M		
	A	E	O	R			0048	E	R	A	O	0051	0509	E	R	A	O		
	D	P	D	Y				P	Y	D	D		0508	P	Y	D	D		
	D	I	U	P				I	P	D	U		0507	I	P	D	U		
	E	N	L	T				N	T	E	L		0506	N	T	E	L		
	R	G	E	O				G	O	R	E		0505	G	O	R	E		
	1903	1901	1907	1905				0048	0047	0046	0051			0505	0510	0511	0513		