How atoms are made up Criteria sheet

1.	Atoms have a nucleus that contains protons and neutrons. The nucleus is surrounded by electrons in different shells.						
	I think that I know this						
	I have shown that I know this						
2.	The relative masses of a proton, neutron and an electron.						
	I think that I know this						
	I have shown that I know this						
3.	The relative charges on a proton, neutron and an electron.						
	I think that I know this						
	I have shown that I know this						
4.	All atoms in one element have the same number of protons in the nucleus. Atoms of different elements have different numbers of protons in the nucleus.						
	I think that I know this						
	I have shown that I know this						
5.	The number of protons in the nucleus, the proton number, is also c number.	alled the atomic					
	I think that I know this						
	I have shown that I know this						
6.	The number of protons and neutrons in the nucleus is called the	mass number.					
	I think that I know this						
	I have shown that I know this						



7. Showing the symbol of an element, its atomic number and its mass number in shorthand form, like this:								
¹² ₆ C								
I think I ca	an do this							
I have shown that I can do this								
8. Filling in the gaps in a table like this:								
Element	Symbol	Number of protons	Number of neutrons	Number of electrons	Atomic number	Mass number		
	С	6				12		
Lithium			4	3				
I think I can do this								
I have sho	own that I can							
9. How the I think I ca	another.							
10. The correct arrangements of electrons in shells, for elements of atomic number 1 to 20, in diagrams like this:								
Sodium 2.8.1								
I think I ca								
I have sho								

