

ORBITAL

What is the electron doing in the orbital?

One don't know, we cannot know.

One just ignores the problem. All one can say is that if an electron is in a particular orbital it will have a particular quantized energy.

Shells: all those states with the same principle quantum number.

Subshells: energy states within one shell with the same azimuthal quantum number (ℓ), *orbitals*

ℓ value	0	1	2	3	4	5
symbol	s	p	d	f	g	h

