Central executive (CE)

The central executive is involved in the process the monitors data. The central executive monitors data, makes decisions and allocates tasks to slave systems. The central executive has a very limited processing capacity.

The episodic buffer (EB)

The episodic buffer is the third of the slave systems. The episodic buffer was added in 200 after the either slave systems by Baddeley. The episodic buffer is a temporary storage system for information. The episodic buffer acts a storage system for the central executive. The episodic buffer has a limited capacity of about 4 chunks. The episodic buffer links the working memory model to the LTM.

Phonological loop (PL)

The phonological loop is the first of the slave systems and processes auditory information. The phonological loop preserves the order in which the auditory information arrives. The phonological loop is further subdivided into groups - the phonological store and the articulatory process.

The phonological store - the phonological store process the words in which you hear

The articulatory process - the articulatory process allows for maintenance rehearsal. The loop has a capacity of about 2 seconds worth of what you can say.

The visual spatial sketchpad (VSS)

The visual spatial sketchpad is teh second of the slave systems and processes visual and spatial information. The visual spatial sketchpad has a capacity of about 4 objects (Baddeley). The visual spatial sketchpad was further subdivided into groups by Logie - the visual cache and the inner scribe

the visual cache - the visual cache process visual information

The inner scribe - the winner scribe organises arranged objects on the visual field.