Condition 1

Working Memory Load:

A B C D E

Tones Presented:

High and Low tones. High defined as the target.

Tone – Low

Response – Right

Tone – Low

Response – Right

Tone – High

No Response

Probe – How many of the following letters were in the initial array?

J K A I E

Response – 2

Condition 2

Working Memory Load:

A B C D E

Tones Presented:

High and Low tones. High defined as the target.

Tone – Low

Response – Right

If

Then

Or

And

Then

If

Tone – Low

Response – Right

Or

And

Tone – High

No Response

Then

If

Or

And

Probe – How many of the following letters were in the initial array?

D J U C A

Response – 3

Condition 3

Working Memory Load:

A B C D E

Tones Presented:

High and Low tones. High defined as the target.

Tone – Low

Response – Right

Red

Blue

Red

Blue

Blue

Red

Tone – Low

Response – Right

Blue

Red

Tone – High

No Response

Blue

Red

Blue

Red

Probe – How many of the following letters were in the initial array?

E K B D A

Response – 4