Astable, Monostable & Bistable

- **Astable circuits have NO STABLE STATE.** This means that they are always changing and never settle down.
- An astable could be used to flash a light on and off continuously

- **Monostable circuits have ONE STABLE STATE.** This means that if you leave them for long enough they will always go back to the same state.
- Monostable circuits could be used for a toothbrushing timer

- **Bistable circuits have TWO STABLE STATES.**
- This means that they start off in one state, can be set to a second state and then reset back to the first state again. They are also called LATCHING CIRCUITS
- Bistable circuits can be used for alarms, where the alarm stays off until it is triggered, then the siren latches on until it is RESET