1. **ANATOMY OF A BIT**
   - Learn how you can tell top from bottom.

2. **COLOR-CODED BY FUNCTION**
   - Bits are grouped into four different categories, which are color-coded.
   - **POWER (BLUE)**: Power Bits plus a power supply, run power through your circuit.
   - **INPUT (PINK)**: Input Bits accept input from you or the environment and send signals that affect the Bits that follow.
   - **OUTPUT (GREEN)**: Output Bits do something – light up, buzz, move…
   - **WIRE (ORANGE)**: Wire Bits connect to other systems and let you build circuits in new directions.

3. **MAGNET MAGIC!**
   - Bits snap together with magnets. The magnets are always right – you can’t snap them together the wrong way.
   - **ARROWS SHOULD POINT IN THE SAME DIRECTION**
   - **IF THE BITS WON’T SNAP TOGETHER, TRY SPINNING ONE AROUND AND MAKE SURE THE ARROWS POINT IN THE SAME DIRECTION**
   - **ORDER IS IMPORTANT**
     - **POWER BITS** always come first and **INPUT BITS** only affect the **OUTPUT BITS** that come after them.
     - **WITH NO OUTPUT BIT AFTER IT, THE INPUT BIT HAS NOWHERE TO SEND ITS SIGNAL**
     - **THE INPUT BIT AFFECTS THE OUTPUT BITS THAT FOLLOW**

4. **SOME BITS ARE ADJUSTABLE**
   - Switches, buttons, and dials on the board allow you to change how the Bit functions.
   - **FLIP THE SWITCH TO CHANGE MODES**
   - **ADJUST SENSITIVITY WITH PURPLE SCREWDRIVER**

5. **BUILD & PLAY**
   - With this circuit first, you can start building circuits in new directions.
   - **BIT NAME**
   - **BUILD INDEX ON PG 06**