The document to be printed is sent to the printer driver to format.

The printer driver changes the data into a format the printer can process

The printer controller checks the sensor to see if there is paper in the paper tray

The printer driver checks the status of the printer to see if the printer is out of paper or if there is a jam.

The data is sent to the printer and is stored in the printer buffer.

A sheet of paper is fed into the printer from the printer tray

Once the paper is advanced to the required position for the line to be printed the print head moves across the page, ejecting the correct mix of colors in each position.

Once the end of the line has been reached the paper moves onto the next line.

If the printer buffer is empty an interrupt request is sent to the CPU requesting more data to be sent.

The cycle repeats until the whole document is printed.