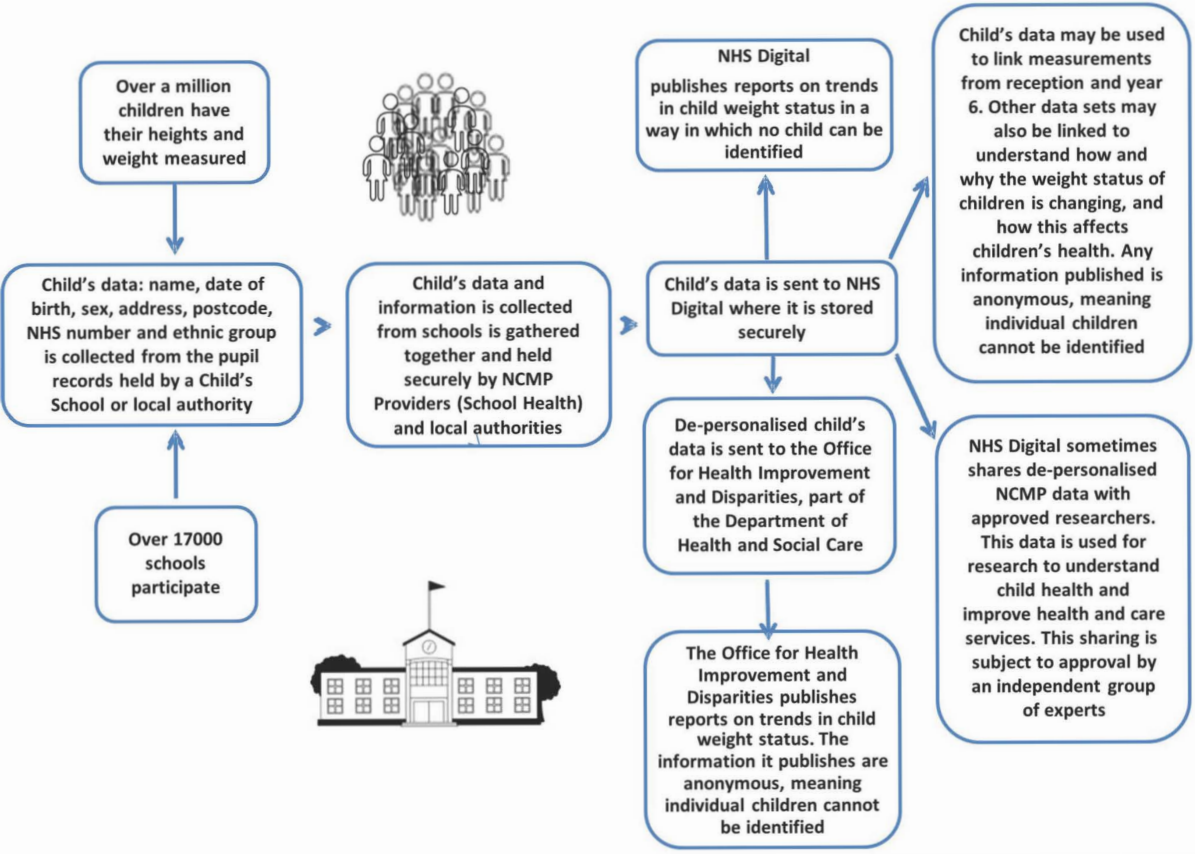NCMP flowchart