Mapping Ledger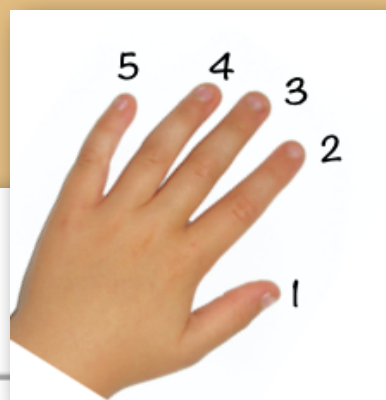 Notes in the Bass