

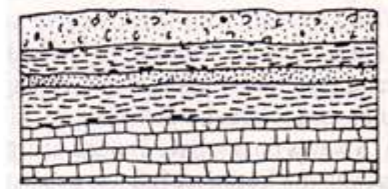
## Topic: The Dynamic Crust

Aim: How do we know that the Earth's crust has shifted over time?

### 1. What is strata?

horizontal layers of sedimentary rock

indicates that crustal has not been disturbed



### 2. What events show evidence of crustal movement?

#### a. Tilting

strata is shifted to an angle away from its original horizontal deposition.



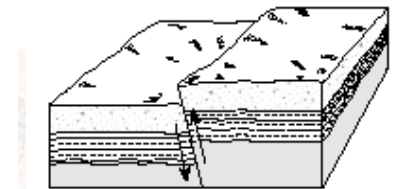
#### b. Folding

strata is bent as a result of extreme pressures



#### c. Thrust Faulting

A break in strata along which there is vertical (up and down) movement.



#### d. Transform Faulting

A break in strata along which there is horizontal (side by side) movement.

