## Sample

1. Match the mineral with the type of crystal it makes. (As outlined on p. 355 in SF7)

2. Which category of rock family belongs with which rock type described?

1 Igneous
2 Sedimentary
3 Metamorphic
4 Magma
melted rock
layered rock
crystallized rock changed rock

5. Earthquakes - are caused by the movement of rock where the crust has broken apart and the pieces move. Match the type of fault with each description

| $\mathbf{1}$ | Normal Fault |
| :--- | :--- |
| $\mathbf{2}$ | Reverse Fault |
| $\mathbf{3}$ | Strike-slip Fault |
| $\mathbf{4}$ | Transform Fault |

plates squeeze together, rock above fault moves up and over plates move sideways, with sudden movements plates are jammed together, then move past each other plates move apart, rock above fault moves down
4. Match the type of weathering with the description of what it is caused by.

1 mechanical
2 chemical
3 biological
extreme change in temperature extreme change in tem
acid in plant roots
frost wedging
dissolving minerals extreme change in te
acid in plant roots
frost wedging
dissolving minerals extreme change in te
acid in plant roots
frost wedging
dissolving minerals

2. Match the description with the type of mineral identification it is describing.

1 this the mineral's scratchability
2 reflects light from its surface
3 breaks along smooth, flat planes
4 the colored powdered form of the mineral
lustre streak cleavage hardness

6. Using the principle of superposition, number the layers of rock in the correct order, beginning with the oldest.

oldest $---\quad \rightarrow \quad---\quad \rightarrow \quad---\quad$ youngest

