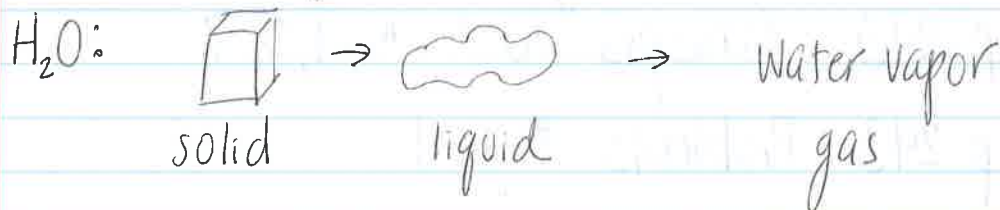


# Physical + Chemical Properties

Physical Properties - characteristics you can observe directly without changing the material's identity.

Ex: color, texture, density, boiling pt., brittleness  
melting point, tensile strength, malleability

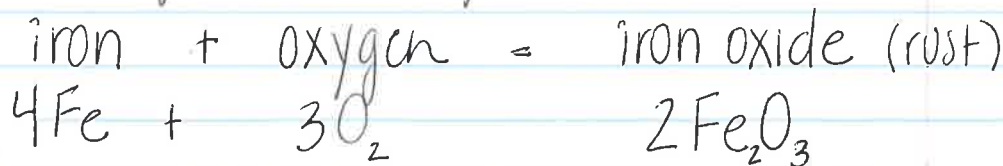
Physical Change any change in size, shape, or phase of matter that does not change the identity of the substance.



Chemical Properties can only be observed when one substance changes into a different substance

Ex: flammability, reactivity

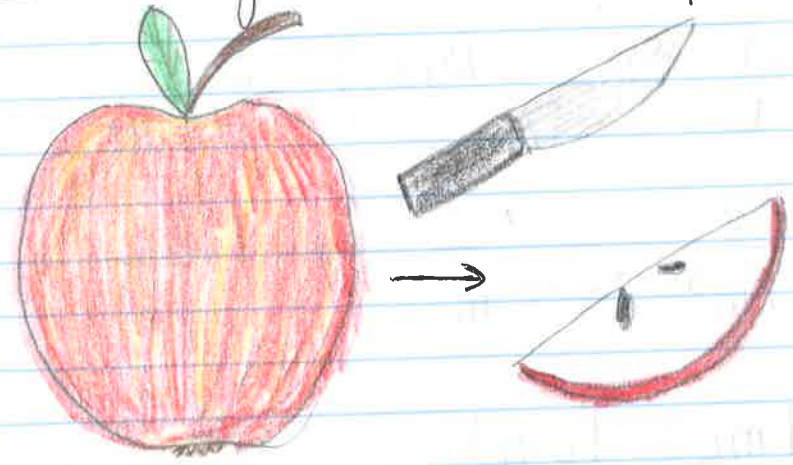
Chemical Change - any change that transforms one substance into a different substance i.e. changes the identity of a substance.



Draw an Example of a Physical & Chemical Change

Physical Change

Cut an apple into slices.



Chemical Change

Apple browns when exposed to air. (oxidizes)

