

# **Grade 7 Science**

- Chapter 14 Definitions -

**MASS**

**PRIMARY STANDARD**

**KILOGRAM**

**BALANCE**

**STRUCTURAL EFFICIENCY**

**NEUTRAL AXIS**

**FORCES**

**NEWTON**

**SPRING SCALE**

**WEIGHT**

**GRAVITATIONAL FORCE**

**FORCE DIAGRAM**

**EXTERNAL FORCE**

**INTERNAL FORCE**

**STRESSES**

**LIVE LOAD\*\*\***

**DEAD LOAD\*\*\***

**TENSION FORCES\*\*\***

**TENSILE STRENGTH**

**COMPRESSION FORCES**

**COMPRESSIVE STRENGTH**

**SHEAR FORCES\*\*\***

**SHEAR STRENGTH**

**TORSION FORCES\*\*\***

**TORSION STRENGTHSTRENGTH**

**\*\*\* 3 POINT APPROACH**