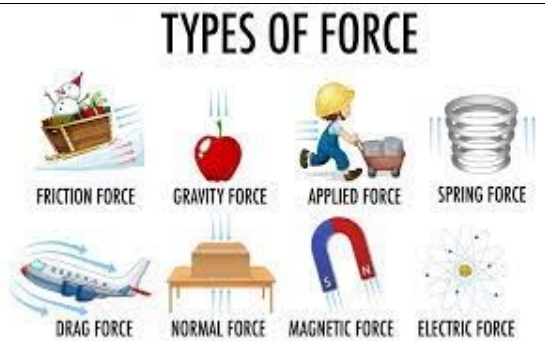
WEEK ENDING.....04/11/2022.....

SUBJECT...INTEGRATED SCIENCE

REFERENCE...SYLLABUS(CRDD,2007), SCIENCE FOR JHS .....

FORM.....BASIC 8.....WEEK.....8.....

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **01-11-2022** **1:20PM – 2:40PM** **80min**	**Topic;** Force and Pressure **Sub-Topic;** Meaning of Force	By the end of the lesson the Pupil will be able to; explain what is meant by the term force **RPK** Pupils were taught lesson on Force in basic 6.	**Introduction;** Review Pupils knowledge on the previous lesson. **Activities;** 1. Assist Pupils to explain the meaning of Force. 2. Discuss with Pupils on how to assign units to forces. **Closure** Through questions and answers, conclude the lesson.	**pieces of chalk, pebbles, rubber band, Piece of Paper, ball.**	**What is force in definition?**  In Physics, force is defined as: The push or pull on an object with mass causes it to change its velocity. Force is an external agent capable of changing a body's state of rest or motion. It has a magnitude and a direction. Pushing or pulling a door by applying force. Force is a vector quantity which means it has both magnitudes as well as direction. According to Newton's second law, force is stated as the "product of mass and acceleration of a body"	Exercise; Explain the meaning of Force.

THURSDAY **03-11-2022** **8:05AM – 9:15AM** **70min**	**Topic;** Force and Pressure **Sub-Topic;** Types of Forces	**Objective;** By the end of the lesson the Pupil will be able to; describe the different types of force. **RPK** Pupils can already explain the meaning of Force.	**Introduction;** Review Pupils knowledge on the previous lesson. **Activities;** 1. Assist Pupils to perform the following activities to demonstrate types of forces: i. drop small objects e.g. pieces of chalk, pebbles to the ground ii. ii. throw the same objects up in the air iii. iii. drag objects on rough and smooth surfaces		 **Contact Forces** Frictional Force Tension Force Normal Force Air Resistance Force **Action-at-a-Distance Forces** Gravitational Force Electrical Force Magnetic Force	**Exercise;** 1. State 4 types of Forces. 2. Explain the meanings of the types of Forces. **REMARKS**

			iv. stretch a rubber band v. v. bring the ends of two magnets near each other vi. vi. pass a comb vigorously through dry hair and quickly touch a very small piece of paper with it 2. Discuss Pupils observations of the activities above. Identify the types of force involved in the activities. **Closure;**			

			Through questions and answers, conclude the lesson.			