

MERRYLAND HIGH SCHOOL-ENTEBBE-KINGUGU & KATABI CAMPUS.

S.1 PHYSICS HOLIDAY WORK

1. Look at the pictures in Figure 1.2 and:

- identify the branch of physics being applied.
- explain what is happening in each picture.



Fig. 1.2: Applications of the different branches of physics

2. Look at the pictures in Figure 1.4 (a-d) below and explain how physics is applied in each case.



3. Give the name and importance of the apparatus shown below.



4. Determine how many:
- (i) centimetres are in 1 metre;
 - (ii) millimetre are in 1 metre;
 - (iii) kilometres are in 1 centimetre.
5. In groups or individually, convert the following measurements into the units indicated in brackets:
- (i) 4.25 m (cm)
 - (ii) 0.256 km (m)
 - (iii) 367.5 dm (Dm)