|  |  |
| --- | --- |
| the position  of a thrown object | Headlights in motor vehicles |
| Font design such as TrueType | A car approaching another to overtake |
| Writing a graphics program | In any acceleration scenario |
| Projectors and lenses | Telescopes |
| Accident investigations | Formula one drivers understanding forces |
| Accountancy formulae | Farmers – areas of fields |
| Grave digging – volume of graves | Pharmacists – quantities of ingredients in medicine |
| Engineers! | Rockets taking off |
| Skydivers and other  falling objects | Formulas used in banking |
| Plotting the path of a football (javelin, shot, cricket ball) when watching sports | Medical professionals use for modelling viruses |
| Measuring  variables on the bloodhound SSC | Lasers – the focus point |
| Logo design – McDonalds | Actuaries use for statistical risk |
| Economists use to model growth | Optimising area and volume |
| Used by electricians for electric circuits. | Sociologists use to model change |