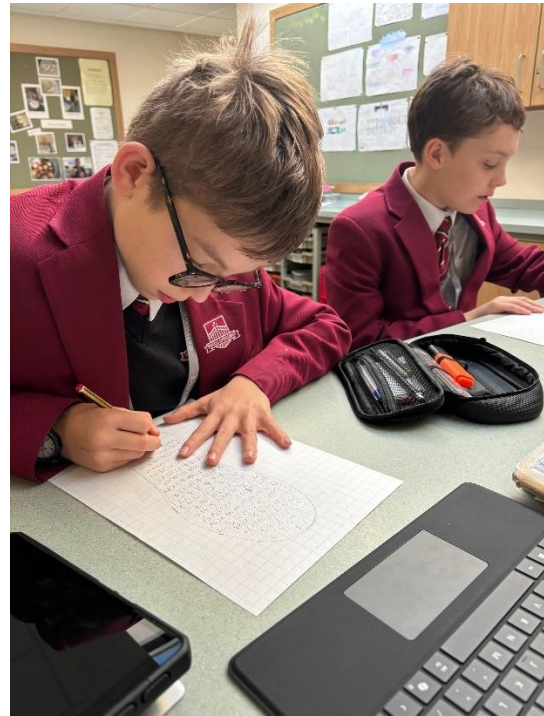
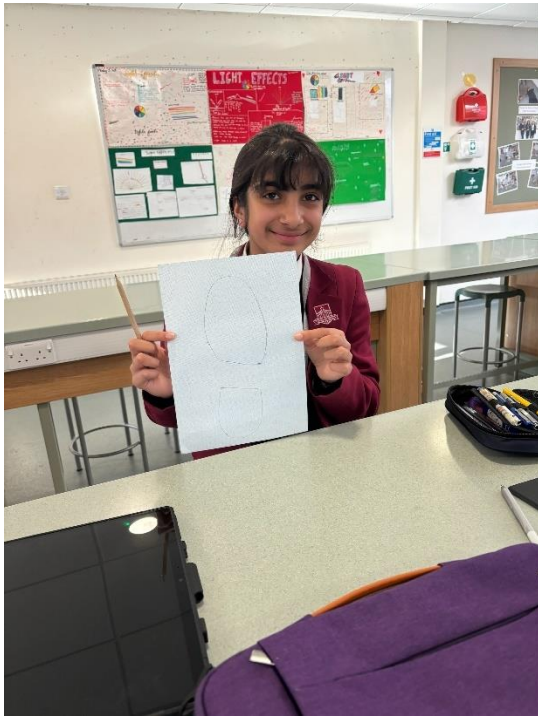


## Lower 4 pupils calculate the pressure they exert on the floor wearing different shoes



Last week pupils in Lower 4 started the topic of pressure. After practising applying the equation, pupils investigated how the pressure they exert on the floor depends on the type of footwear they are wearing. They began by working out the surface area of their school shoes and finding their weight in Newtons. Once they had calculated their personal pressure, pupils investigated how this would change wearing either high heeled shoes or a large hospital boot.

Miss Kim Ashurst