

Year 9 DT/ Engineering Term 6

All work to be submitted by emailing your teacher

Work for year 9 DT/engineering Week beginning 15 June 2020 Task deadline 22nd June 2020
Task 1: Over the next few weeks you will be making either an upcycled acoustic amplifier for your phone/ gadget. Or a musical instrument. You need to start collecting the following from your recycle bin/ house. Try to be as innovative as you can. You can see my recycling bin is bulging ready to sort out what I can use: <ul style="list-style-type: none">• Pringles tubes/ tubes/tin cans• Packaging/cardboard you may just chuck out• Wrapping paper/ magazines/ tape/ Elastic bands/• PVA glue, tape, anything else you can use to stick safely
Task 2: (Research sound/carry on collecting resources) Week beginning 22nd June 2020 Task Deadline 29 th June 2020
Watch the following videos/ or try to find your own Answer the following questions /carry on collecting resources <ul style="list-style-type: none">• What is sound?• How does sound travel?• Which materials does sound travel faster through?• How do we hear sound? https://www.youtube.com/watch?v=aWieHpsZ7ik You can also use your physics work book. Start researching what you want to make- you can use links on Task 3.
Task 3: (Research/Making your phone amplifier or musical instrument) Week beginning 29th June 2020 Task Deadline 6th July 2020
<ul style="list-style-type: none">• Now Year 9s it is time to decide what you want to do and start making• Will it be a musical instrument or an acoustic amplifier for your phone/gadget?• You can experiment/ look online for good tutorials using YouTube and instructables• You could make yourself a mood board of ideas either on paper or computer• Remember to ask your parent/guardian to help you and be careful when cutting and gluing See ideas below: https://www.youtube.com/watch?v=pFfBrCyHfWs https://www.instructables.com/id/From-Pringles-box-to-Acoustic-Amplifier/ https://www.youtube.com/watch?v=bE3tGVPyjH8 https://www.instructables.com/id/Homemade-Musical-Instruments/
Week beginning 06th July 2020 (finish making and show your teacher what you have made/test) Task Deadline 13th July 2020
Hi Year 9s now it's time to show us what you have come up with <ul style="list-style-type: none">• When you have made your product, you could test your amplifier/instrument by having a zoom party or starting your own band• Email your teacher a photo to show them what you have produced• You could even record the sound/video on your phone and send.

