

Subject:

Class:

Day	Lesson Topic
<i>Week 15</i>	
Lesson 1	
Lesson 2	
Lesson 3	
<b>CHRISTMAS HOLIDAYS</b>	
<i>Week 16- 04<sup>th</sup> January 2021</i>	
Lesson 1	Inset
Lesson 2	Smart Materials Electroluminescent/QTC
Lesson 3	Modern Materials -SMA/ Polymorph/ Smart fibres- photo/thermo/micro/bio
<i>Week 17- 11<sup>th</sup> Jan 2021</i>	
Lesson 1	Interim Test and Answers
Lesson 2	Composites-Kevlar, GRP and Carbon Fibre
Lesson 3	Interactive textiles/ Microfibres in clothes/ Phase changing materials
<i>Week 18- 18<sup>th</sup> Jan 2021</i>	
Lesson 1	Interim Test and Answers
Lesson 2	Sun Protective Clothing/ Rhovyl / Nomex/ Geotextiles
Lesson 3	Recap Revision Session
<i>Week 19- 25<sup>th</sup> Jan 2021</i>	
Lesson 1	<b>Final Composite Test</b>
Lesson 2	Textiles -Natural Fibres and Synthetic Fibres
Lesson 3	Sources and uses of fabrics / Manufacturing Processes
<i>Week 20 – 01<sup>st</sup> Feb 2021</i>	
Lesson 1	Interim test and answers
Lesson 2	Blended and mixed fibres /Knitted fabrics
Lesson 3	Working properties of fabrics
<i>Week 21 –08<sup>th</sup> Feb 2021</i>	
Lesson 1	<b>Final Composite Test</b>
Lesson 2	Mechanisms – Motions/ Mechanical Devices
Lesson 3	Mechanical Advantage
<b>Feb Half term</b>	
Lesson 1	Interim test and answers
Lesson 2	Gears
Lesson 3	Pulleys and Belts
<i>Week 22 –22<sup>nd</sup> Feb 2021</i>	
Lesson 1	Levers and Linkages
Lesson 2	Interim test and answers
Lesson 3	Cams and Followers
<i>Week 22 – 01<sup>st</sup> March 2021</i>	
Lesson 1	Recap Revision Session
Lesson 2	<b>Final Composite Test</b>
Lesson 3	