

# H2R Week

Question-a-day Revision  
March 2021 – April 2021

Subject:  
Design and Technology



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	NOTES:
<p>22<sup>nd</sup> March</p> <p>What are the forces acting on a chair?</p>	<p>23<sup>rd</sup> March</p> <p>Explain the thinking behind 'just in time manufacture'.</p>	<p>24<sup>th</sup> March</p> <p>What is the difference between a smart and a modern material?</p>	<p>25<sup>th</sup> March</p> <p>What is a thermochromic pigment and what is it used for?</p>	<p>26<sup>th</sup> March</p> <p>What are the properties of cotton that makes it ideal for clothing?</p>	<p>27<sup>th</sup> March</p> <p>What are the properties of corrugated card, and what is it commonly used for?</p>	<p>28<sup>th</sup> March</p> <p>What is a stock form of MDF or Wool Yarn?</p>	
<p>29<sup>th</sup> March</p> <p>How is MDF or wool yarn converted from primary source to stock form?</p>	<p>30<sup>th</sup> March</p> <p>Glass can be added to plastic to make GRP. Why is this and what is it used for?</p>	<p>31<sup>st</sup> March</p> <p>Draw the process of injection molding</p>	<p>1<sup>st</sup> April</p> <p>Why is brass used for musical instruments?</p>	<p>2<sup>nd</sup> April</p> <p>How do designers consider the impact of material choices on society?</p>	<p>3<sup>rd</sup> April</p> <p>What is meant by social issues</p>	<p>4<sup>th</sup> April</p> <p>How is your mobile device designed to be suitable for you?</p>	
<p>5<sup>th</sup> April</p> <p>What is aesthetics?</p>	<p>6<sup>th</sup> April</p> <p>What is ergonomics? Use an example to explain.</p>	<p>7<sup>th</sup> April</p> <p>Why do designers need to consider anthropometrics?</p>	<p>8<sup>th</sup> April</p> <p>What is meant by the term 5<sup>th</sup> to 95<sup>th</sup> percentile?</p>	<p>9<sup>th</sup> April</p> <p>Why do designers need to consider their target market when designing products? Use examples</p>	<p>10<sup>th</sup> April</p> <p>Name a design strategy and explain it.</p>	<p>11<sup>th</sup> April</p> <p>What is the difference between a model and a prototype?</p>	
<p>12<sup>th</sup> April</p> <p>What is the purpose of a 3<sup>rd</sup> angle orthographic drawing?</p>	<p>13<sup>th</sup> April</p> <p>What is isometric drawing?</p>	<p>14<sup>th</sup> April</p> <p>Nesting means?</p>	<p>15<sup>th</sup> April</p> <p>What is meant by 'planned obsolescence?'</p>	<p>16<sup>th</sup> April</p> <p>What is the key benefit of injection molding that makes it suitable for small model kits?</p>	<p>17<sup>th</sup> April</p> <p>What does ethical mean when looking at the choice of materials in a product?</p>	<p>18<sup>th</sup> April</p> <p>What is the name of the smart material used in glasses that change colour in sunlight</p>	

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**Design and Technology**

**Exam Board:**  
**AQA**

**Mock exam Paper:**

Topic to Revise: