

KS3 ASSESSMENT CRITERIA – YEARS 7-9 DESIGN & TECHNOLOGY

D&T: Year 7 Book End, Working with Plastics, Emoji

Focus	Beginning (B)	Working Towards (WT)	Expected Standard (ES)	Working Above Standards (WA)	Well Above/Outstanding (O)
Design	<p>BE & E: I have briefly researched my client however the information I have found will provide very little inspiration to help me with my designs.</p> <p>BE & E: I can create one initial idea that relates to a given specification. My sketch will be annotated, coloured in but have little relevance to my client.</p> <p>BE: I can use a pencil and ruler to mark out and measure only with support.</p> <p>WWP: I can produce an article which includes limited research and/or pictures.</p> <p>WWP: I can use 2D Design to produce a silhouette resembling an elephant only with lots of support.</p>	<p>BE & E: I have completed some satisfactory research on my client which will provide some inspiration to help me with my designs.</p> <p>BE & E: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in but has little relevance to my client.</p> <p>BE: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 2mm.</p> <p>WWP: I can produce an article which includes some research and pictures.</p> <p>WWP: I can use 2D Design to produce a silhouette resembling an elephant with some support.</p>	<p>BE & E: I have completed good research on my client which will provide some good inspiration to help me with my designs.</p> <p>BE & E: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can describe how it relates to my client.</p> <p>BE: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 1mm.</p> <p>WWP: I can produce an article which has good research, pictures, and has your own opinions on the issue.</p> <p>WWP: I can use 2D Design to produce a clear elephant silhouette with minimal support.</p>	<p>BE & E: I have completed very good research on my client which I have evaluated and will provide specific inspiration to help me with my designs.</p> <p>BE & E: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can explain how it relates to my client.</p> <p>BE: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 0.5mm.</p> <p>WWP: I can produce a well written article which has very good research (including facts) which looks at both sides of the issue, relevant pictures, and has your own opinions on the issue.</p> <p>WWP: I can use 2D Design to produce a clear elephant silhouette independently.</p>	<p>BE & E: I have completed outstanding research on my client which is thoroughly analysed and all content will provide me with specific inspiration to help me with my designs.</p> <p>BE & E: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can evaluate how it relates to my client.</p> <p>BE: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 0mm.</p> <p>WWP: I can produce a well written detailed article which has been thoroughly researched (including facts) looking at both sides of the issue, has relevant pictures, and has your own thoughtful opinions on both sides of the issue.</p> <p>WWP: I can use 2D Design to produce a clear and detailed elephant silhouette independently and have helped other students to complete theirs.</p>

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<p>Make</p>	<p>I can use tools, equipment, and machinery with support.</p> <p>I have produced a prototype which demonstrates a limited/basic level of precision and accuracy.</p> <p>My prototype has a basic level of finish which may have rough unfinished edges for example.</p>	<p>I can use tools, equipment, and machinery safely with support.</p> <p>I have produced a prototype which demonstrates a satisfactory level of precision and accuracy.</p> <p>My prototype has a satisfactory level of finish where some care has been made to make the edges of some quality.</p>	<p>I can use tools, equipment, and machinery safely with little support.</p> <p>I have produced a prototype which demonstrates a good level of precision and accuracy.</p> <p>My prototype has a good level of finish which demonstrates a good level of finish.</p>	<p>I can use tools, equipment, and machinery safely and independently.</p> <p>I have produced a prototype which demonstrates a high level of precision and accuracy.</p> <p>My prototype has a very good level of finish which shows little flaws or obvious errors.</p>	<p>I can use tools, equipment, and machinery safely, independently and can support my classmates.</p> <p>I have produced a prototype which demonstrates an outstanding level of precision and accuracy.</p> <p>My prototype has an outstanding level of finish which shows no flaws.</p>
<p>Evaluate</p>	<p>After making my prototype, I can identify either a positive or negative aspect of my design.</p> <p>With support, I can identify a possible improvement needed on my project.</p> <p>I use a limited amount of keywords in my written work which may not be in the correct context at times.</p>	<p>After making my prototype, I can describe both the positive and negative aspects of my design.</p> <p>I can identify a possible improvement but need some support on how to improve my project.</p> <p>I can use a small selection of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain with examples both the positive and negative aspects of my design.</p> <p>I can identify a relevant improvement and provide a relevant solution on how I could improve my project next time.</p> <p>I can use a variety of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain using relevant detailed examples of both the positive and negative aspects of my design.</p> <p>I can explain in detail possible improvements and provide detailed solutions on how to improve my project next time.</p> <p>I can use a wide variety of keywords in my written work in a knowledgably manner.</p>	<p>After making my prototype, I can fully evaluate both the positives and negatives of my design using a range of detailed relevant examples.</p> <p>I can explain in detail fully relevant improvements and fully explain practical solutions on how to improve my project and how this would affect future projects.</p> <p>I can use a variety of keywords in my written work with full understanding of their meaning and in the correct context.</p>

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D&T: Year 8 Clock, Mars Rover, and Bag

Focus	Beginning (B)	Working Towards (WT)	Expected Standard (ES)	Working Above Standards (WA)	Well Above/Outstanding (O)
Design	<p>B: I have completed limited research on my chosen festival which would give me very little inspiration when designing my bag.</p> <p>C: I can take professional examples and identify the advantages and disadvantages of some elements (ACCESSFM).</p> <p>C & B: I can create one initial idea that relates to a given specification. My sketch will be annotated, coloured in but have little relevance to my inspiration.</p> <p>B: I have produced a final idea which has limited information on the measurements, colour, and processes used for my final design. Feedback from the initial ideas has not been taken into account and little difference is demonstrated from the initial idea.</p> <p>MR: I can use a pencil and ruler to mark out and measure only with support.</p> <p>MR: I have demonstrated a limited understanding of Engineering subject knowledge.</p>	<p>B: I have completed some research on my chosen festival which would give me some inspiration on colours and themes of the festival when designing my bag.</p> <p>C: I can take professional examples and describe the advantages and disadvantages of some elements (ACCESSFM).</p> <p>C & B: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in but has little relevance to my inspiration.</p> <p>B: I have produced a final idea which has some information on the measurements, colour, and processes used for my final design. Feedback from the initial ideas has briefly been taken into account to show little improvement or change compared to the initial idea.</p> <p>MR: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 3mm.</p> <p>MR: I have demonstrated a satisfactory understanding of Engineering subject knowledge.</p>	<p>B: I have completed good research on my chosen festival which would give me useful inspiration on the history, colours and themes of the festival when designing my bag.</p> <p>C: I can take professional examples and explain the advantages and disadvantages of numerous elements (ACCESSFM)</p> <p>C & B: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can describe how it relates to my inspiration.</p> <p>B: I have produced a final idea which has clear and specific information on the measurements, colour, and processes used for my final design. Feedback from the initial ideas has clearly been taken into account to improve the final design.</p> <p>MR: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 2mm.</p> <p>MR: I have demonstrated a good understanding of Engineering subject knowledge.</p>	<p>B: I have completed very good research on my chosen festival which would give me very useful, clear and specific inspiration on the history, colours and themes of the festival when designing my bag and I have evaluated some of the information I have found.</p> <p>C: I can take professional examples and evaluate the advantages and disadvantages of numerous elements (ACCESSFM)</p> <p>C & B: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can explain how it relates to my inspiration.</p> <p>B: I have produced a final idea which has specific measurements in mm, has been well coloured, and processes used have been explained for my final design. Feedback from the initial ideas has clearly been worked upon to improve the final idea. Keywords are present and extra information considered.</p> <p>MR: I can use a pencil and ruler to mark out and measure to a maximum</p>	<p>B: I have completed outstanding research on my chosen festival which would give me very useful, clear and specific inspiration on the history, colours and themes of the festival when designing my bag and I have fully analysed the information found.</p> <p>C: I can take professional examples and evaluate the advantages and disadvantages of numerous elements (ACCESSFM) and provide alternative solutions.</p> <p>C & B: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can evaluate how it relates to my inspiration.</p> <p>B: I have produced a final idea which has specific measurements in mm, has been well coloured using tonal shading, and processes used have been fully explained for my final design. Feedback from the initial ideas has clearly been worked upon to show obvious improvements to the final idea. Keywords are used confidently and extra information is well explained to complete a concise page.</p>

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				tolerance of +/- 1mm. MR: I have demonstrated a very good understanding of Engineering subject knowledge.	MR: I can use a pencil and ruler to mark out and measure to a maximum tolerance of +/- 0.5 mm. MR: I have demonstrated an outstanding understanding of Engineering subject knowledge.
Make	<p>I can use tools, equipment, and machinery with support.</p> <p>I have produced a prototype which demonstrates a limited/basic level of precision and accuracy.</p> <p>My prototype has a basic level of finish which may have rough unfinished edges for example.</p>	<p>I can use tools, equipment, and machinery safely with support.</p> <p>I have produced a prototype which demonstrates a satisfactory level of precision and accuracy.</p> <p>My prototype has a satisfactory level of finish where some care has been made to make the edges of some quality.</p>	<p>I can use tools, equipment, and machinery safely with little support.</p> <p>I have produced a prototype which demonstrates a good level of precision and accuracy.</p> <p>My prototype has a good level of finish which demonstrates a good level of finish.</p>	<p>I can use tools, equipment, and machinery safely and independently.</p> <p>I have produced a prototype which demonstrates a high level of precision and accuracy.</p> <p>My prototype has a very good level of finish which shows little flaws or obvious errors.</p>	<p>I can use tools, equipment, and machinery safely, independently and can support my classmates.</p> <p>I have produced a prototype which demonstrates an outstanding level of precision and accuracy.</p> <p>My prototype has an outstanding level of finish which shows no flaws.</p>
Evaluate	<p>After making my prototype, I can identify either a positive or negative aspect of my design.</p> <p>With support, I can identify a possible improvement needed on my project.</p> <p>I use a limited amount of keywords in my written work which may not be in the correct context at times.</p>	<p>After making my prototype, I can describe both the positive and negative aspects of my design.</p> <p>I can identify a possible improvement but need some support on how to improve my project.</p> <p>I can use a small selection of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain with examples both the positive and negative aspects of my design.</p> <p>I can identify a relevant improvement and provide a relevant solution on how I could improve my project next time.</p> <p>I can use a variety of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain using relevant detailed examples of both the positive and negative aspects of my design.</p> <p>I can explain in detail possible improvements and provide detailed solutions on how to improve my project next time.</p> <p>I can use a wide variety of keywords in my written work in a knowledgeable manner.</p>	<p>After making my prototype, I can fully evaluate both the positives and negatives of my design using a range of detailed relevant examples.</p> <p>I can explain in detail fully relevant improvements and fully explain practical solutions on how to improve my project and how this would affect future projects.</p> <p>I can use a variety of keywords in my written work with full understanding of their meaning and in the correct context.</p>

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D&T: Year 9 Toy and BBQ Spatula

Focus	Beginning (B)	Working Towards (WT)	Expected Standard (ES)	Working Above Standards (WA)	Well Above/Outstanding (O)
Design	<p>T: I can produce a mock coursework page which could include parts of a design brief, moodboard, location analysis, and a specification but is incomplete and to a basic standard with little detail.</p> <p>T: I can create one initial idea that relates to a given specification. My sketch will be annotated, coloured in but have little relevance to my previous research.</p> <p>BBQS: I can use a pencil and ruler to attempt an orthographic drawing to a low standard (4 marks max) and may need support.</p> <p>BBQS: I have demonstrated a limited understanding of Engineering subject knowledge.</p>	<p>T: I can produce a mock coursework page which includes a design brief, moodboard, location analysis, and a specification which is complete and to a satisfactory standard with some detail.</p> <p>T: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in but has little relevance to my previous research.</p> <p>BBQS: I can use a pencil and ruler to complete an orthographic drawing to a satisfactory standard (10 marks max) and may need support.</p> <p>BBQS: I have demonstrated a satisfactory understanding of Engineering subject knowledge.</p>	<p>T: I can produce a mock coursework page which includes a design brief, moodboard, location analysis, and a specification which is complete and to a good standard with specific details in each section.</p> <p>T: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can describe how it relates to my previous research.</p> <p>BBQS: I can use a pencil and ruler to complete an orthographic drawing independently to a good standard (16 marks max).</p> <p>BBQS: I have demonstrated a good understanding of Engineering subject knowledge.</p>	<p>T: I can produce a mock coursework page which includes a design brief, moodboard, location analysis, and a specification which is complete and to a very good standard with relevant specific details in each section which demonstrate very good analytical skills.</p> <p>T: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can explain how it relates to my previous research.</p> <p>BBQS: I can use a pencil and ruler to complete an orthographic drawing independently to a very good standard (25 marks max).</p> <p>BBQS: I have demonstrated a very good understanding of Engineering subject knowledge.</p>	<p>T: I can produce a mock coursework page which includes a design brief, moodboard, location analysis, and a specification which is complete and to an outstanding standard with fully relevant specific details in each section which demonstrates outstanding analytical and evaluative skills.</p> <p>T: I can create numerous initial ideas that relate to a given specification. My sketches will be annotated, coloured in and can evaluate how it relates to my previous research.</p> <p>BBQS: I can use a pencil and ruler to complete an orthographic drawing independently to an outstanding standard (26 marks minimum).</p> <p>BBQS: I have demonstrated an outstanding understanding of Engineering subject knowledge.</p>

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Evaluate	<p>After making my prototype, I can identify either a positive or negative aspect of my design.</p> <p>With support, I can identify a possible improvement needed on my project.</p> <p>I use a limited amount of keywords in my written work which may not be in the correct context at times.</p>	<p>After making my prototype, I can describe both the positive and negative aspects of my design.</p> <p>I can identify a possible improvement but need some support on how to improve my project.</p> <p>I can use a small selection of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain with examples both the positive and negative aspects of my design.</p> <p>I can identify a relevant improvement and provide a relevant solution on how I could improve my project next time.</p> <p>I can use a variety of keywords in my written work correctly.</p>	<p>After making my prototype, I can explain using relevant detailed examples of both the positive and negative aspects of my design.</p> <p>I can explain in detail possible improvements and provide detailed solutions on how to improve my project next time.</p> <p>I can use a wide variety of keywords in my written work in a knowledgably manner.</p>	<p>After making my prototype, I can fully evaluate both the positives and negatives of my design using a range of detailed relevant examples.</p> <p>I can explain in detail fully relevant improvements and fully explain practical solutions on how to improve my project and how this would affect future projects.</p> <p>I can use a variety of keywords in my written work with full understanding of their meaning and in the correct context.</p>