

Independent Learning Project

Department:	MATHS	Start Date:	Summer 2 nd half term	Due Date:	July
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Title of Task: Plan The Summer Time Ball	How should I submit my work?	
<p>Aims/Learning Outcomes: To plan and prepare the Capital's Summer Time Ball</p>	<p>Success Criteria:</p> <p>L4 – In solving number problems, pupils use a range of mental methods of computation with the four operations. -They use efficient written methods of addition and subtraction and of short multiplication and division. -In solving problems with or without a calculator, checks the reasonableness of results by reference to knowledge of the context or to the size of the numbers. -Adds and subtracts decimals to two places and order decimals to three places. - Chooses and uses appropriate units and instruments, interpreting, with appropriate accuracy.</p> <p>L5 – Understands and uses an appropriate non-calculator method for solving problems that involve multiplying and dividing any three-digit number by any two-digit number. -Uses all four operations with decimals to two places -Have completed a scale drawing where a scale has been given.</p> <p>L6 – Have an accurate scale drawing of the venue, including all the amenities. Pupils are aware of which number to consider as 100%, or a whole, in problems involving comparisons, and use this to evaluate one number as a fraction or percentage of another. -They understand and use the equivalence between fractions, decimals and percentages, and calculate using ratios in appropriate situations.</p> <p>L7 -</p>	My Target Level:
What you need to do	Extension Task	Useful Topic Related Words

<p>Guidelines: You must use the information available to organise the event, from booking artists to pricing tickets.</p> <p>You Must:</p> <ul style="list-style-type: none"> - Choose a date, venue and time for your event, with a list of artists and prices of tickets and food available. - Show evidence of calculating the total cost of the event and potential profit from ticket sales. - Draw an accurate scale drawing of the venue. - Present your work neatly and clearly. <p>You Should:</p> <ul style="list-style-type: none"> - Think about the safety of the venue and make sure all your guests are safe. 	<p>You Could:</p> <ul style="list-style-type: none"> - Calculate your <u>percentage profit</u> based on the total amount of money you have spent and made. 	<p>Cost/Price Budget Profit Time Discount Deal Distance Scale Size Measure</p>
<p>What steps can I use to help along the way? These steps will be helpful when completing the project.</p>	<p>Are there any supporting documents – PowerPoint's, images, pictures, website links, etc?</p>	<p>Equipment that I may need</p>
<p>Checkpoint 1 (due in week1) Hand in a copy of the initial plan of the event:</p> <ul style="list-style-type: none"> - Date - Venue- with cost of venue and reasons why you have chosen the venue. - Example of the questionnaire you used to find out what types of music and artists people want to see at the Ball. - Results from the questionnaire with an initial list of artists/music based on the results. 	<p>Worksheets available to help plan the expenses.</p> <p>Price list available for venues and artists and other necessities.</p>	<p>Plan paper Pencil</p> <p>Computer- Excel spreadsheet for costings</p>

<p>Checkpoint 2 (due in week 2)</p> <p>Food and drink Plan:</p> <ul style="list-style-type: none"> - List of different food stalls, - List of food available and their prices/any deals? <p>Plan for the layout of the ball: (first draft)</p> <p>Scale drawn plan of the venue showing the accurate sizes of designated areas: stage/ food stalls/ toilets/ seated area/ entrance and exit.</p>		
<p>Checkpoint 3 (due in week 3)</p> <ul style="list-style-type: none"> - List of artists with the total cost - Timings of the event: start time, time artists are on stage (accurate), finish time. - Cost per ticket for guests- family deals? - Compare your costs against your expected profit. 		
<p>Checkpoint 4 (due in week 4)</p> <p>Hand in completed project:</p> <ul style="list-style-type: none"> - All work written in neat (if not done so already) - Accurate plan of the venue drawn to scale and labelled- Improved from first draft. 		

Please remember to plan out your time carefully and ask your subject teacher if there is anything that you do not understand.