

Turves Green Boys' School - Academic Summer School 2021

Overview

Academic Summer School 2021 ran from Monday 9th until Friday 13th August 2021, attended by over 50% of the incoming Y7 cohort. Pupils leaving primary school this year may have missed a significant proportion of key stage 2 face-to-face teaching and therefore missed valuable preparation for secondary education. The summer school proved a great opportunity for pupils to see the school, meet some of the key staff and meet new fellow pupils from other primary schools who were also joining the school from September 2021. The activities each day were be a blend of academic, creative, and sporting/active sessions. These sessions included pre-tutoring for some of the topics to be studied from September, alongside opportunities to build relationships and work with peers as a team to solve problems each afternoon. Achievement and participation was celebrated in a final event on the last day, attended by approximately 100 parents and family members.

Attendance and Finance

Pupils invited:	92	Finance:	
Pupils Attended:	Mon 9th August – 49	Expenditure - Staffing	£8,392.47
	Tues 10 th August – 48	Expenditure - Catering	£923.00
	Wed 11 th August – 47	Expenditure - Resources	£1,802.70
	Thurs 12 th August – 49	Total Expenditure:	£11,118.17
	Fri 13 th August – 47		

Pupil Evaluation

Question	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't Know
I enjoyed Summer School	53%	47%	0%	0%	0%
I enjoyed meeting new pupils and teachers at Summer School	58%	42%	0%	0%	0%
There were a range of interesting and fun activities	56%	42%	0%	0%	2%
The activities were delivered well by the teachers	65%	35%	0%	0%	0%
I have learnt new things in the sessions	63%	37%	0%	0%	0%
I feel more confident now about joining the school in September	72%	23%	0%	0%	5%
I thought the food was of a good quality	53%	19%	7%	0%	21%
Summer School was well organised	72%	28%	0%	0%	0%
I would recommend Summer School to a Y6 pupil next year	67%	33%	0%	0%	0%

Curriculum Information

English		
Day	Session	Learning Activities
Monday	<p>Session Title: The Hitchhiker Part One.</p> <p>Focus: Understanding content of a story and the use of Gothic features.</p>	<p>Activity: Class reading. Pupils will read Part One of a modern Gothic story called 'The Hitchhiker'</p> <p>Learning Outcome: Pupils will be able to demonstrate an understanding of the story and will be able to begin to identify the features of a Gothic story.</p>
Tuesday	<p>Session Title: The Hitchhiker Part Two.</p> <p>Focus: Content of the story and how a story is structured.</p>	<p>Activity: Pupils will read Part Two of a modern Gothic story called 'The Hitchhiker'</p> <p>Learning Outcome: Pupils will be able to demonstrate an understanding of the story and will be able to begin to explain the structure of a story.</p>
Wednesday	<p>Session Title: Starting our own stories...</p> <p>Focus: Description of setting at the beginning of story and exposition of important facts.</p>	<p>Activity: Pupils will discuss how to write an introduction to a Gothic story and practise writing an introduction to their own story providing the information the reader needs in order to be able to engage with and enjoy the story.</p> <p>Learning Outcome: Pupils will have demonstrated the ability to write imaginatively and in a way that uses conventions of genre and language to enhance the impact of their writing.</p>
Thursday	<p>Session Title: Finishing our own stories....</p> <p>Focus: Planning a piece of creative writing and thinking about how to write about character.</p>	<p>Activity: Pupils will review what they have learned about the way a story is structured and then plan the beginning, middle and end of their own story. They may also begin to start writing about a character using 'Show not tell'.</p> <p>Learning Outcome: Pupils will have formulated a plan for a story, will have thought about the character and setting and may have started to write about their main character.</p>
Friday	<p>Session Title: Writing and completing our own stories.</p> <p>Focus: Producing a piece of creative writing.</p>	<p>Activity: Pupils will be spending time writing and completing their stories. Some pupils may share their stories with the class.</p> <p>Learning Outcome: Pupils will have partially or completely written a Gothic story.</p>
Celebration Event Awards	Pupil's will be chosen as the writers of the best story and rewarded in the celebration event.	

Maths

Day	Session	Learning Activities
Monday	<p>Session Title: Displaying data.</p> <p>Focus: Collecting and display data using tally charts, tables, bar charts .</p>	<p>Activity: Pupils will be collecting data on how many different colour cars passed on the road in the ten minutes. They will be using tally charts for recording data and then displaying it in the form of bar charts</p> <p>Learning Outcome: Recording data in a tally chart. Use a tally mark for each value. Understand how to choose the best representation for different sets of data.</p>
Tuesday	<p>Session Title: Curvy Areas.</p> <p>Focus: Calculating areas of circles & semicircles.</p>	<p>Activity: Begin by showing one of the three diagrams, then hide it. "Think about the image you just saw. Can you sketch it? Can you describe to your partner how it was drawn? "Show the image again so that pupils can compare their first impression with the actual image. Recreating the image offers pupils a good opportunity for practising constructions with a pair of compasses.</p> <p>Learning Outcome: This problem offers the opportunity to practice calculating areas of semicircles and working in terms of π and leads to a surprising result that invites pupils to generalize.</p>
Wednesday	<p>Session Title: Fibonacci Surprises.</p> <p>Focus: Sequences.</p>	<p>Activity: It is called the Fibonacci Sequence, and each term is calculated by adding together the previous two terms in the sequence. Try adding together any three consecutive Fibonacci numbers - What do you notice? Can you explain it?</p> <p>Learning Outcome: This problem gives pupils a chance to explore the Fibonacci sequence and make conjectures about the patterns they find.</p>
Thursday	<p>Session Title: Stars</p> <p>Focus: Factors and multiples.</p>	<p>Activity: Pupils to draw a five-pointed star starting and ending at one of the "points" or vertices of the star. They must do this without taking their pencil off the paper and without drawing over a line they have already drawn. Is there only one star on a five-dot circle? How many stars will be possible to draw on a nine-dot circle?</p> <p>Learning Outcome: This activity encourages pupils to see the maths underpinning a situation. In this case, it is the importance of factors and multiples in what is at first glance a geometrical setting.</p>
Friday	<p>Session Title: Triangular Faces.</p> <p>Focus: 3D shapes & nets.</p>	<p>Activity: Pupils will be provided with coloured triangles. The pupils will make a tetrahedron and then at its net together before moving on to the more complex shapes in the main problem.</p> <p>Learning Outcome: This activity encourages children to visualize 3D shapes and will help to reinforce language associated with the properties of shapes.</p>
Celebration Event Awards	Pupils identified as "Maths Stars" - the most outstanding piece of work for that topic.	

Science

Day	Session	Learning Activities
Monday	<p>Session Title: Universally Awesome.</p> <p>Focus: Structure of the universe.</p>	<p>Activity: Pupils will work as a class using inflatable planets and spacing them out at agreed intervals to represent the solar system.</p> <p>Learning Outcome: Pupils will be able to name all the planets in the solar system by the end of the lesson and misconceptions around all the planets being close together or equidistant will be addressed.</p>
Tuesday	<p>Session Title: Troll Making.</p> <p>Focus: Chromatography.</p>	<p>Activity: Pupils will carry out a chromatography practical separating pigments from different dyes to show that not all colours (and therefore chemicals) are made equal. In the process, they will make the hair for a troll figure as the pigments in pen spread along the paper.</p> <p>Learning Outcome: Pupils will be able to explain what happens during a chromatography practical and why the pigments separate.</p>
Wednesday	<p>Session Title: Egg-celent Descent.</p> <p>Focus: Air resistance and gravity.</p>	<p>Activity: Pupils will complete the egg drop practical where they will be given a set amount of material and have to construct a device to ensure an egg reaches the ground safely from the top floor.</p> <p>Learning Outcome: Pupils will be able to discuss why their egg landed safely or not and compare their designs to others, suggesting how they could improve it in the future.</p>
Thursday	<p>Session Title: Smelly Cells.</p> <p>Focus: Cells under the microscope.</p>	<p>Activity: Pupils will be analysing pre-prepared slides of onion cells under the microscope to see how all living matter is made up of cells and the reason behind their name.</p> <p>Learning Outcome: Pupils should be able to draw a cell under the microscope and label two of the key features. Pupils should be able to use the microscope safely. Due care will be made for and pupils with iodine allergies.</p>
Friday	<p>Session Title: Are you faster than a sneeze?</p> <p>Focus: Speed, distance and time.</p>	<p>Activity: Pupils will be running a set distance and be timed by pupils not able to participate in the practical part of the activity. All will be given roles including invigilation for those unable to participate.</p> <p>Learning Outcome: Pupils will calculate distance covered and the time taken to order the group by speed.</p>
Celebration Event Awards	Pupils identified as "Science Champions" - the most outstanding piece of work for that topic.	

Computing

Day	Session	Learning Activities
Tuesday	<p>Session Title: Creating a character using Adobe Fireworks.</p> <p>Focus: Creating a character from scratch using vector tools from the toolbar in Adobe Fireworks.</p>	<p>Activity: Pupils will be creating a character from scratch using Adobe Fireworks.</p> <p>Learning Outcome: Pupils will be able to use tools such as ellipse, polygon, skew tools. They would be able to use the gradient to make different shades to the colours of their character.</p>
Wednesday	<p>Session Title: Duplicating character and adding more features to the character.</p> <p>Focus: Editing image.</p>	<p>Activity: Pupils will be editing images using Macromedia Fireworks that will be used for their animation.</p> <p>Learning Outcome: Editing and creating images that are integrated with different shapes.</p>
Thursday	<p>Session Title: Creating an animation script using the character created.</p> <p>Focus: Adding new frames for the animation.</p>	<p>Activity: Pupils will be creating an animation.</p> <p>Learning Outcome: Creating new frames for the animation, adding scripts for each character of their character.</p>
Friday	<p>Session Title: Creating an animation script using different frames.</p> <p>Focus: Adding time to frames in order to create a scene.</p>	<p>Activity: Pupils will continue creating their animation.</p> <p>Learning Outcome: Creating GIF using animation.</p>
Celebration Event Awards	The most outstanding animations will be shared and pupils rewarded.	

Team Activities

Day	Group	Session	Learning Activity
Monday	Group A	Den Building	<p>Den Building Pupils will have the opportunity to take part a fantastic afternoon of den building. Working as part of a team, pupils will interact with natural elements, think creatively, learn to negotiate, problem solve and work together to build a solid structure, big enough to house the entire team! Equipped with only a sheet of tarpaulin, some branches and rope, the team must build a den that can withstand Mr Eyre’s water bucket of doom! The driest team wins!</p> <p>Active Games & Team Challenge Pupils will begin with a series of fun filled active games which require speed, agility, clever thinking and the ability to outwit your opponents. Following this, pupils will have the opportunity to develop important life skills with our team challenge. As part of a team, pupils will have to tackle a variety of exciting, fun and challenging tasks which require trust, communication, co-operation and of course leadership!</p> <p>‘Get to know your School’ Orienteering Pupils will explore their new surroundings with ‘get to know your school’ orienteering. Mr Inglis, activity lead, will introduce pupils to some practical map reading skills and then working in small teams, pupils will use these to locate key points around the school grounds. The idea is to locate them all before the other teams. Pupils will need to interpret a map, judge the distances to be covered, communicate well and make decisions as team to ensure all the key points are found as quickly as possible. As well as the key points, pupils will need to the locate the hidden teacher faces and assign them to the correct department to gain extra points!</p>
	Group B	Active Games & Team Challenge	
	Group C	‘Get to Know Your School’ Orienteering	
Tuesday	Group B	Den Building	
	Group C	Active Games & Team Challenge	
	Group A	‘Get to Know Your School’ Orienteering	
Wednesday	Group A	World Cup Football Tournament Option	
	Group B	Arts and Craft Option	
Thursday	Group C	Den Building	
	Group A	Active Games & Team Challenge	
	Group B	‘Get to Know Your School’ Orienteering	
Friday	<h1>CELEBRATION EVENT AWARDS</h1>		