
The Interactive School Firework Display Project

New Forest Fireworks



Firework education made fun

Self funding, educational, pupil designed Firework Displays



The Concept

Your school pupils are involved in designing a New Forest Fireworks Display that is fired in School Grounds as a community, parent and pupil ticketed event, raising funds for the School.

Fireworks are exciting, especially for children, making the subject suitable for pupil engagement in schools. New Forest Fireworks will support a series of lessons covering the chemistry of fireworks and safety (Science - Chemistry), music creation or editing (Music), scripting of the Firework Display to music using Finale software (ICT).

The pupils **do not** handle fireworks at any time, nor are they involved in the setting up of the Firework Display; for Health and Safety reasons these aspects are carried out by New Forest Fireworks employees.

Design of the Firework Display

Your school pupils (aimed at year 10 and 11) are involved in designing a New Forest Fireworks Display that is fired electronically using a Pyrosure Computerised Firing System, capable of delivering fireworks fully synchronised with music. The level of involvement can be from a minimum of the science of fireworks and safety (Chemistry) through to creating the music (Music), setting and controlling the budget (Maths), designing the visual effects required (Art), firework display scripting (ICT) selecting firework types from a predefined library.

The Finale software creates a simulation of the Firework Display, allowing the pupils to gain feedback on the proposed display and engage with the school on the display design.

The display budget is set in advance of the design process so pupils have an experience of staying within a financial budget.

Delivery of the event

This is another area where the pupils can be involved in the planning and delivery including marketing, ticket sales, stalls, traffic measures and transport. New Forest Fireworks will deliver all aspects of the Firework Display, site planning, risk management, safety distance requirements and completely clearing the site of any debris following the display.

By estimating the attendance level and setting the ticket price all the costs including the Firework Display can be met from ticket sales, making the event self funding / profit making.

The event can be held at any time of year, the summer months will generally raise more revenue from ticket sales and stalls. One option is to make the event an end of school year celebration or combined with leaving ceremonies.

Key Requirements

Space

Your school requires a minimum of 100 mtr x 100 mtr of open ground and ideally greater than 200 mtr x 200 mtr with one vehicle access point and one other egress point - minimum of foot path and ideally vehicle access roads.

Leadership

The School Head or one Head of Department within the school who is able to lead the school for the pupil interaction and organisation of the Event where New Forest Fireworks deliver the School Designed Firework Display.

New Forest Fireworks

We are a local firework display company specialising in High Impact, Low Noise and Pyro Musical Firework Displays. Having an industry leading safety record makes New Forest Fireworks your ideal choice - school reference available. www.newforestfireworks.co.uk