



Adopt a School
Constructing Excellence
South West working with



**Southern
Construction
Framework**

NVB Architects

Frome College



Profile

School: Frome College

Year Group: 9,10 &12

County: Somerset

Partnership Commenced:

Projects Done: Young Photographer of the Year
My Green City Challenge

Young Photographer Competition

NVB are to offer Rook Lane Chapel, in kind to, as a venue for the young photographer of the year competition for Frome College.



My Green City Challenge

As part of our adopt a school programme we are working with NVB Architects and other local business across the construction industry and have organised a large inter school competition taking place for 1000 students on March 9th (Thursday) .

The college hope to have support from local graduate/apprentice mentors on the day to give the student teams an extra insight into the industry.

The aim is that the competition is a big success which could then lead to similar annual events and expand to other secondary schools within the area/county and also utilise other local industry organisations.



NVB Architects
ROOK LANE



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My Green City Design Challenge

Introduction

As the world's population increases and more people live in urban areas, there are some real challenges ahead for city planners and architects. The Director of the United Nations has said that "managing urban areas has become one of the most important development challenges of the 21st century". If we fail to build cities that are sustainable all of our futures are at risk.

Key facts

- Over 7.3 billion people live on Earth, with the population due to increase to a whopping 9.8 billion by 2050 (*worldpopdata.org*).
- Currently over 79 % of the UK's population live in cities. By 2050 this number increases to 92% of the UK population who will be calling a city their home (*prb.org*)
- Land will become increasingly expensive and limited in cities due to the increase in population.
- Many people are working towards trying to make cities more sustainable. A sustainable city uses resources to offer a good quality of life to the people that currently live there whilst ensuring that there are enough resources available for future generations.
- Regionally we have a massive employment crisis developing with key sectors such as Construction and Engineering struggling to employ both skilled and unskilled staff to their work force. WHY? Lack of knowledge of the job opportunities available to our youth/advertising in these sectors/possible loss of foreign labour following Brexit/ lack of motivation and understanding (particularly for posts also available to women)

Aims

- To help students think about their local infrastructure as well as national and international infrastructure and maybe help them see that their futures are tied into this. Getting Frome College students more interested in the environment they live in.
- Enable students to think outside the box creatively developing their problem solving skills
- Learn about different industry roles and sectors
- Enable students to work closely with young graduates
- Form stronger links between the school and local employment sectors



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The Brief!

This is an inter-house competition. At 2pm on the 9th March HoH must submit their finalist teams 5 minute video advertisement highlighting their “My Green City” 3D design and city their manifesto.

Your sustainable city manifesto must include plans to produce **energy**, provide inhabitants with **food**, handle **waste** efficiently, **transport** people and produce around the city, whilst ensuring that **nature** is welcomed and supported in your city.

The day is split into the following:

- Intro power point presentations highlighting current world initiatives
- Design a 2D plan
- Design your 3D city
- Create a video advertisement

As HoH you need to decide before the 9th March how you would like to split your house. Do you educate them in tutor group sessions or year groups or mix up year groups?? Do you then get them to design their 2D concepts in small clusters within tutor groups? Do you then get every tutor group to decide the best 2D design and make 1 large 3D model or to they all make mini models? Or do you get the year group to decide the best 2D model and then transform your tutor base into a large scale “My Green City” model?

Do you split your groups into teams to look at specifics areas (energy/food/waste/transport/nature)? Do you have a separate marketing and design team to come up with posters and the concept for the final video?

You will get extra help in the form of 3 engineering/architecture and construction graduates per house.

At 2.15/2.20 all participating Y9/Y10 & Y12 students will assemble in the sports hall. We will all watch the final 5 adverts and a judging panel consisting of (G Ball, A Simpson - NVB Architects and Adopt a School, Anna Francis FTC sustainability Manager, Jane Llewellyn – FTC Planning Officer & Pippa Goldfinger – Architectural Planner and Educator).



There will be an amazing prize for the winning house and all finalist team members will receive MY Green City finalist certificates.

We also hope to have local TV involved (Points West)