



CASE STUDY:  
KINGSMEAD  
SCHOOL

GREEN<sup>🌱</sup>  
SCHOOLES  
PROJECT

## Year 0

- Lights often left on in empty classrooms.
- Windows often open in classrooms and corridors in winter with the heating on.
- Recycling bins in most classrooms, but rarely emptied.
- Litter a big problem around the school.
- No student engagement in environmental issues beyond topics studied in geography and science.



# Year 1



## Eco-Team

12 enthusiastic Year 12 students formed an Eco-Team and at the start of September and called themselves EPAK – Environmental Protection Agency for Kingsmead.

## Recycling

- Recycling Tuesday Competition launched in assemblies to all year groups in November.
- At the start of the campaign **68% of everything in the rubbish bins was recyclable,** while in the follow up a year later **this had reduced to 32%.**
- Amount of recycling going to landfill reduced by approximately 3.5 tons per year – **a reduction of 45%.**

## Energy

- From February, with the help of the site manager, the boiler controls and heating system were better managed and controlled.
- In May the ‘Save for Solar’ campaign was launched encouraging staff and students to save electricity by switching off lights, computers and projectors when not needed.
- **Cost savings by the end of Year 1: Gas - £7,500**

## Vegetable Garden

- A patch of land in an unused area of the school was converted into a vegetable patch.
- Volunteers from Year 9 helped to grow potatoes, carrots and onions, which were sold to staff raising £75.

RECYCLING

ENERGY

VEGETABLE  
GARDEN



# Year 2

## Eco-Team

A new group of equally enthusiastic Year 12 students replaced the original EPAK group, and re-assessed priorities for the year ahead.

## Energy

- Various projects were carried out by the students to reduce electricity usage.
- Gas usage was monitored closely and the heating system was managed effectively through the winter.
- In February solar panels were installed onto the gym roof.
- **Cost savings in Year 2: Gas - £16,000 Electricity - £4,500, total - £20,500**

## Litter

- Keep Kingsmead Clean campaign launched.
- Awareness campaign run by EPAK to reduce littering.
- Reduction in littering reported by caretaking staff, data should have been collected to get actual results.

## Environment Day

Held the first Kingsmead Environment Day after exams in the summer term to encourage participation in the campaigns and come up with new ideas to do even more!



RECYCLING

ENERGY

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LITTER

ENVIRONMENT  
DAY



# Year 3



## Eco-Team

Another cohort of Year 12 students took up the EPAK baton. The focus for their assembly was Travel to School for which they created an entertaining video!

## Travel To School

- Walk To School Weeks held every term with results monitored and prizes given to the most active and environmentally friendly forms.
- Percentage of **students walking to school increased from 32% to 50%** in the second Walk to School Week, and **journeys by car reduced from 24% to 19%**.

## Energy

- This remained a priority, though less emphasis was placed on it this year after the big reductions made the previous year.
- **Cost savings in Year 3: Gas - £5,000 Electricity - £4,000 total - £9,000**
- **Cumulative total over 3 years: Gas - £28,500, Electricity - £8,500, total: £37,000**

## Vegetable Garden

Year 7 volunteers helped out, and more was grown, this time given to the volunteers to take home and cook with their families.

## Eco-Schools

In the summer term the school was awarded the Eco-Schools Green Flag for the achievements and effort of EPAK and the rest of the school to make it a more environmentally friendly place!



‘Starting the Environmental Protection Agency for Kingsmead has had a big positive impact on the school. The sixth form students running the projects have gained skills and experiences that have helped them to gain entry to Russell Group universities, the savings on energy costs has made a real difference, and we are all extremely proud of our Eco-Schools Green Flag. I fully recommend Green Schools Project to any school thinking of getting involved.’

YVONNE BARRY, HEADTEACHER, KINGSMEAD SCHOOL

‘As the environment plays a larger role in politics, science and popular culture, I really enjoyed being part of a movement to involve the students at my school about environmental issues. Working in a dynamic group provided a number of transferable skills such as team work, leadership, and presenting to large audiences, which has been helpful in my time at medical school. I also gained an appreciation for how protecting the environment can lead to financial savings - how many students can say that they helped to create energy savings of over £10,000 when they were just 17 years old?’

USMAN HAROON, FOUNDING MEMBER OF EPAK AT KINGSMEAD SCHOOL,  
NOW MEDICAL STUDENT AT KING' S COLLEGE LONDON