



IGS Hannover – Linden

Am Lindener Berge 11 30419 Hannover – Germany



The IGS Hannover-Linden is a large comprehensive school in four buildings in the western part of Hannover. The IGS Linden has about 1500 pupils and offers education on different levels. Some pupils leave school after form 9 or 10 for getting further vocational training and other finish their studies with the final exam “Abitur”, which allows them to go to university.

Internationalisation and promoting students with special learning needs is an important topic at our school, which is situated in a multi-cultural environment. We participate(d) in different Comenius projects and we offer different exchange visits for our pupils (France, Spain) and a partnership with Natiro Sec. School near Moshi (Tanzania).



COMENIUS-Schoolpartnership

"Green Europe for Young Europeans - Green EYE"

The impact of the project on the school and on the community

We have been working in the project "Green EYE" for two years. On the first year we, mainly students of year 7 and 8, worked on the module 1 "Am I a Green Citizen" and Module 2 "Similar and different environmental issues around Europe". On the second year we developed Module 3 "Let's Face it" and Module 4 "Making a Green Europe".

During these years we have been involved in the project "Green Eye", that consists of improving our environment at school and in the community. We have worked with our European partners coming from Scotland, the Netherlands, Germany and Turkey.

*During our **Conference in Hannover in June 2014** we did a lot of activities and participated in five workshops: in "**The Green EYE Journal workshop**" we edited and published the magazine reporting any news related to the conference; in the "**Upcycling**" workshop, the students learned how to upcycle (creating new useful and stylish things) from old materials like clothes, old plastic or tin boxes, paper and other materials that normally are thrown away: in the "**Creating a Greener Schoolyard**" workshop students of our partner schools planned a greener schoolyard for their schools and they created one at the IGS Linden; the "**Photo and Video**" workshop explored and logged by camera the green parts around the school and of the city; finally the "**Green Sports**" workshop was practicing different environmental-friendly sport activities, e.g. outdoor sports with no special equipment or need of energy.*



COMENIUS- Multilateral Partnership

“Green Europe for Young Europeans - Green EYE”

MEETINGS

- ❖ *Glasgow Conference : Teachers’ meeting 16 September- 20 September 2013*

- ❖ *Venray Conference : Teachers’ and pupils’ meeting 24 February – 01 March 2014*



❖ *Hanover Conference : Teachers' and pupils' meeting 2 June – 6 June 2014*



- ❖ *Istanbul Conference : Teachers' meeting 21 September – 26 September 2014*
- ❖ *Catania Conference : Teachers' and pupils' meeting 23 February – 27 February 2015*





❖ *Glasgow Conference : Teachers' and pupils' meeting 1 June – 5 June 2015*





WORKSHOPS

Venray Conference

- ❖ *WORKSHOP I : Green EYE Journal*
- ❖ *WORKSHOP II : Upcycling*
- ❖ *WORKSHOP III : Creating a greener school/environment*
- ❖ *WORKSHOP IV : Environmental friendly sport activities (outdoor games, sports)*
- ❖ *WORKSHOP V : Video/photo documentary*

Hanover Conference

- ❖ *WORKSHOP I : Green EYE Journal*
- ❖ *WORKSHOP II : Upcycling*
- ❖ *WORKSHOP III : Creating a greener school/environment*
- ❖ *WORKSHOP IV : Environmental friendly sport activities (outdoor games, sports)*
- ❖ *WORKSHOP V : Video/photo documentary "Green Hanover"*

Catania Conference

- ❖ *WORKSHOP I : Green EYE Journal*
- ❖ *WORKSHOP II : Upcycling*
- ❖ *WORKSHOP III : Creating a greener school/environment*
- ❖ *WORKSHOP IV : Green actions in Catania (treasure Hunt)*
- ❖ *WORKSHOP V : Video/photo documentary*

Glasgow Conference

- ❖ **WORKSHOP I : John Muir Award (Forest Skills)**
- ❖ **WORKSHOP II : Mural**
- ❖ **WORKSHOP III : Upcycling**
- ❖ **WORKSHOP IV : Treasure hunt**
- ❖ **WORKSHOP V : Journal – video/photos and Green EYE Book**



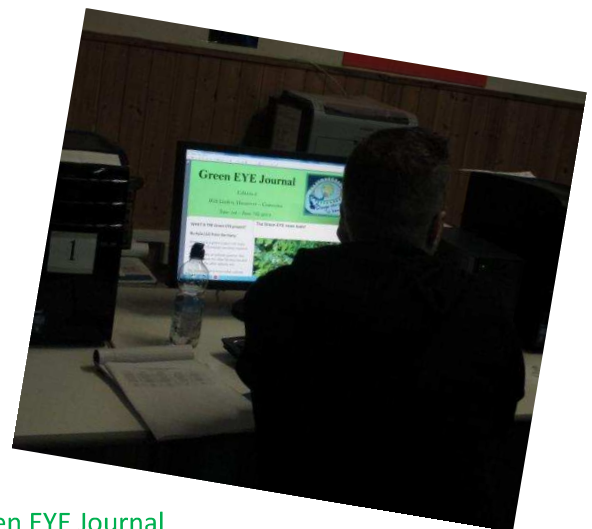
Greener Schoolyard



Upcycling



Mural



Green EYE Journal

Some of our activities

1. We asked our schoolmates the following questions and we got these answers to our questionnaire:

| | |
|--|---------|
| Number of asked students | 42 |
| | I agree |
| 1. What kind of groceries do you buy? | |
| a) fair trade | 2 |
| b) instant meals | 11 |
| c) fresh food | 17 |
| d) organic food | 6 |
| e) homegrown | 3 |
| f) none of the above, | 1 |

| | |
|-------------------------------------|----|
| 2. How do you get to school? | |
| a) By bike | 9 |
| b) By public transport | 12 |
| c) By car | 3 |
| d) On foot | 18 |
| e) By taxi | 2 |

| | |
|---|----|
| 3. How many times do you eat fast food a week? | |
| a) Once | 8 |
| b) Twice | 3 |
| c) Three times | 4 |
| d) More than three times | 9 |
| e) Never | 6 |
| f) Rarely | 11 |

| | |
|---|----|
| 4. How often do you eat meat a week? | |
| a) Once | 6 |
| b) Twice | 5 |
| c) Three times | 2 |
| d) More than three times | 11 |
| e) Never | 12 |
| f) Rarely | 6 |

| | |
|---|----|
| 2. How often do you eat fish a week? | |
| a) Once | 3 |
| b) Twice | 2 |
| c) Three times | 0 |
| d) More than three times | 0 |
| e) Never | 22 |
| f) Rarely | 15 |

| | |
|--|----|
| 2. What do you recycle at home? | |
| o Glass | 8 |
| o Paper | 17 |
| o Plastic | 17 |
| o Organic left overs | 16 |
| o Metal / copper | 0 |
| o Clothes | 1 |
| o Shoes | 0 |
| o Spectacles | 0 |
| o Mobile phones | 0 |
| o Batteries | 2 |

| | |
|---|---------|
| Number of asked students | 42 |
| | I agree |
| 2. Tick the electrical devices you and the members of your family use daily: | |
| o Mobile phone | 38 |
| o TV | 32 |
| o Radio | 24 |
| o Computer/tablet | 21 |
| o I-pod/MP3 | 6 |
| o E-reader | 3 |
| o Games console | 16 |
| o Fridge | 36 |
| o Cooker | 18 |
| o Printer | 5 |
| o Boiler | 14 |
| o Light bulbs | 49 |
| o Clock | 26 |
| o Hairdryer | 23 |
| o Hair straighteners | 5 |
| o Toothbrush | 25 |
| o Kettle | 7 |
| o Electrical heating | 18 |
| o Airconditioning | 4 |
| o Deep freezer | 20 |
| o Vacuum cleaner | 21 |
| o Dishwasher | 13 |
| o Washing machine | 24 |
| o Tumble drier | 4 |
| o Shaver | 6 |
| o Coffee machine | 20 |
| o Microwave | 13 |
| o Extractor fan | 11 |
| o Mixer | 5 |

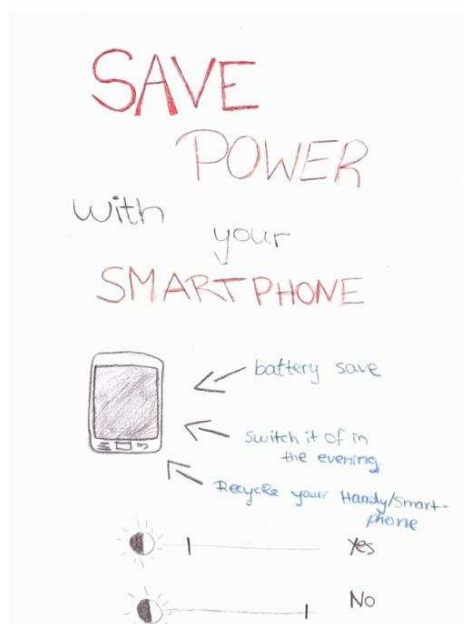
| | |
|---|----|
| 2. Do you leave the electrical devices in stand-by mode? | |
| o Yes | 2 |
| o No. | 17 |
| o I don't know | 22 |

| | |
|---|----|
| 2. Do you participate in environmental community activities? | |
| o Yes | 3 |
| o No | 21 |
| o No, but I am interested. | 18 |

| | |
|---|----|
| 2. When we go on holiday we travel | |
| o Car | 17 |
| o Train | 7 |
| o Plane | 9 |
| o Bus | 0 |
| o Boat | 5 |

2. After evaluating our survey we started a “ poster campaign” in our school to make our school mates aware of some environmental issues.

Creating Posters: Examples of posters for the school corridors



3. We also tried to get more information about how our food is produced and where it does come from. We learned that

a) supermarkets don't like to tell about how much food is thrown away because it couldn't be sold.

b) buying "Fairtrade" products supports poor families in the so called "Third World" – we watched videos and tried to trace the products from their origin to our home.



4. In a next step we had a look at our water consumption at our school:

a) We put posters in the classrooms that asks our schoolmates not to waste water.

b) and we realized that we often don't know what happens with our waste(water) – so we visited the sewage treatment plant in Hannover and got informed about this topic.

5. Water and fresh air are produced in our local forest but also in the rainforests! We wanted to get to know what has to be done to preserve the forests. We spent 12 days in the Harz mountains and we learned that caring about the forests is a hard but very important work that has to be done!



Caring about our environment – excerpts from our blog:

[With a Green EYE in the woods](#)

June 16, 2014 8:18 PM

Hi everybody,

Yesterday we arrived at "Brunnenbachsmühle" in the Harz mountains, only 100 kms southeast of Hannover

We stay in a hostel far away from the next small town. We are the only guests but we



have to work in the forest every morning. We get to know what we have to do to care about our Harz National Park and to preserve our natural woods.

This is our hostel, a former railway station!



[Tuesday: Our first working day](#)

June 17, 2014 8:37 PM

Today we had to get up at 5:45 am and we started our work at 7:00 am. one group had to cut down young spruce trees, because these

trees are not the "original" trees that grew in this area hundreds of years before. They were planted to have fast growing trees for the mining business in the last centuries. Beeches and willow trees that are growing much slower than the spruce trees were extinguished. Now they want to renaturate this area.



Getting-up at 5:45 am again!

One of our groups had to build a high seat or deerstand. Today we had to erect it and we had to make sure that it won't collapse in the next twenty years.....

Why do we build high seats to shoot animals? We want to protect the nature, but shooting animals.....?



There is one reason. As mentioned before, the national park will be retransferred to its original ecosystem. On the way to a natural forest, some unconventional things have to be done, e.g. shooting some of the deer, because they prefer eating beech trees which are the original trees before spruce trees were planted for getting a

large amount of wood for the mining industry. So the beech trees have to be

protected. If there are too many deers, they will eat all the young trees and no change of the vegetation will take place.

After 60-100 years the ecosystem will be stable and nobody has to shoot deer because they eat the rare beech trees in the Harz mountains! (We hope!)

Here you can see us working:



Collecting Rubbish around the School

putzmunter! - cleaning our school environment

March 20, 2015

Tuesday, March 17th

Every year our local waste services ask the citizens of Hannover to collect rubbish in their local environment. The slogan is a game on words in German and means: "Hannover is very active cleaning the city!"

This year class 8a spent two afternoons collecting all the rubbish that was left over around our school, in the park and along the streets between our school buildings.

We were shocked finding so many environmentally harmful things everywhere.



Collecting rubbish around our school.



Dead mouse trapped in a wine bottle that was thrown away. - *Rubbish can kill!*



We have collected twenty-one bags of rubbish.



Why do people through away all this rubbish?





Education and Culture
Lifelong learning programme
COMENIUS



MAZDA
Neuer Kleinwagen bietet
große Modellvielfalt

» 16

hallo
service

INSEL GUERNSEY
Mit Bewohnern, die stolz
auf ihre Erzeugnisse sind



» 21

SONNABEND, 21. MÄRZ 2015

SCENE | REISE | AUTO | TIPPS | UNTERHALTUNG | EXTRAS

13

DVD/CD-TIPP

Ein Krimivergnügen

Verbrecher sollten gut aufpassen – denn mit Sophie Haas ist in „Mord mit Aussicht“ nicht zu spaßen! Das Verbrechen schläft nie – auch nicht im Örtchen Hengasch. In Staffel 3 der Schmunzel-Krimi-Serie macht Caroline Peters als ehrgeizige Kommissarin Sophie Haas wieder so manchem Provinz-kriminellen einen Strich durch die Rechnung. Unverzichtbare Unterstützung im Eifel-Revier leisten wie gewohnt die Dorfpolizisten Dietmar Schäffer, gespielt von Bjarne Mädel, und Bärbel Schmied alias Meike Droste. In der Rolle des Alpha-Frauchens Heike Schäffer, brilliert Petra Kleiner, die auch diesmal unermüdlich über das Wohl ihres Mannes Dietmar wacht. Wir verlosen 3 mal 1 DVD-Box – siehe unten in Infokasten unter 01



Es spukt gewaltig

In „Bobby und die Geisterjäger“ ist ein Hotelschiff der optimale Ort für Gespenster, um Unfug zu treiben und den Gästen einen ordentlichen Schrecken einzujagen. Doch als immer mehr Passagiere verschreckt das Schiff verlassen und von gruseligem Ereignissen berichten, beschließt der Hotel-direktor kurzerhand, dem Spuk ein für alle Mal ein Ende zu setzen. Mit Hilfe von Lucas de Koninck, einem erfolgreichen Geisterjäger, sollen die Gespenster ins Jenseits befördert werden. Doch dessen Tochter Sanne, die als Einzige wirklich Kontakt mit den Geistern aufnehmen kann, freundet sich schnell mit dem jungen Geist Bobby an und erfährt, dass er eigentlich gar nicht spuken möchte. Wir verlosen 3 mal 1 DVD – siehe unten in Infokasten unter 02



**ANRUFEN!
GEWINNEN!**

Wählen Sie die Gewinnhotline
(01371) 97 96 450 – hängen



Lavinia, Leon, Lilli und Tom (von links) haben mit ihren Mitschülern vom 8. Jahrgang 21 Säcke mit Müll gesammelt.

Hannover putzt sich heraus

aha startet die neunte „putzmunter“-Aktion für eine saubere Stadt

VON WILFRIED SCHMÖCKING-GOLDMANN

Hannover. „Igit, da ist ja eine tote Maus“, ruft die 14-jährige Lilli. Sie hat ganz eigenen Erfahrungen beim Müllsammeln gemacht. Die tote Maus hat sie in einer alten Sektflasche entdeckt, die sie in einem Gebüsch gefunden hat. Gemeinsam mit ihren Mitschülern vom Comenius-Projekt des 8. Jahrgangs der IGS Linden macht sie bei der Aktion „Hannover ist putzmunter“ mit, zu der der Abfallentsorger aha und die Stadt Hannover in diesem Jahr bereits zum neunten Mal aufgerufen haben.

Während der eigentliche Sammeltag heute in der ganzen Stadt ist, haben mehrere tausend Schulkinder bereits die ganze Woche über Hannover ein we-

nik sauberer gemacht. Schüler der IGS Linden sind schon lange dabei. Sie beteiligen sich seit 2006 an der „putzmunter“-Aktion. In diesem Jahr ist das Müllsammeln für die Schüler des 8. Jahrgangs Teil eines Umweltprojekts, mit dem sie sich über mehrere Wochen beschäftigen. Über ihre Erfahrungen und Erkenntnisse tauschen sie sich mit mehreren Schulen in ganz Europa aus. Dafür gibt es auch Geld von der Europäischen Union. 22.000 Euro stehen der IGS Linden für den Austausch mit den Partnerschulen in den Niederlanden, Italien, der Türkei und Schottland zur Verfügung. „Damit ist es möglich, dass die Kinder kostenlos am Unterricht im Ausland teilnehmen können“, sagt Biologielehrer Hans-Walter Dreimann, der das Pro-

jekt betreut. Die „putzmunter“-Aktion ist für ihn ein wichtiger Baustein im verantwortungsvollen Umgang mit der Umwelt. „Die Schüler sehen genauer hin und lernen, dass Müll durchaus schädliche Auswirkungen hat“, sagt Lehrer Dreimann. So ist für ihn der Vorfall mit der toten Maus in der Sektflasche ein Anlass, die Schüler auf die Gefahren von Müll für die Tierwelt hinzuweisen.

21 Säcke mit Abfall haben die Schüler des 8. Jahrgangs in der vergangenen Woche an zwei Tagen gesammelt. Und das nur in der näheren Umgebung ihrer Schule an der Badenstedter Straße. „Das ist ja echt viel“, wundert sich der 13-jährige Leon. Er und seine Mitschüler hatten nicht erwartet, dass rund um die Martinskirche und im

Von-Alten-Garten so viel Müll rumliegt. Auf den ersten Blick scheint tatsächlich alles ziemlich sauber. „Aber dann sind wir ins Gebüsch gegangen und haben da ganz schön Zeug rausgeholt“, sagt Leon. Kommende Woche geht das Müllprojekt der IGS Linden noch weiter. Dann besuchen die Schüler die Mülldeponie in Lahe, um zu sehen, was mit ihrem gesammelten Müll geschieht.

Dort wird auch der weitere Müll landen, den die vielen freiwilligen Helfer heute am eigentlichen Aktionstag zusammengetragen. 56 Vereine, drei Unternehmen, 23 Schulen und 129 Einzelpersonen aus Stadt und Region nehmen an der diesjährigen „putzmunter“-Aktion teil. Insgesamt sind es 4400 Kinder und 1505 Erwachsene.

Einige der beteiligten Gruppen machen aus ihrer Sammelaktion ein ganz besonderes Ereignis. In Anderten gibt es nach dem Sammeln einen Imbiss zur Stärkung. Die Jugendfeuerwehr Hannover veranstaltet eine kleine „Sammel-Party“. Eine Kanugruppe am Ende sammelt vom Boot aus, und der Fischereiverein säubert die Ricklinger Teiche. Mit von der Sammelaktion sind auch einige Flüchtlinge aus der Unterkunft im ehemaligen Oststadtkrankenhaus.

„Wichtig ist, dass wir unsere Stadt ein wenig sauberer bekommen“, sagt die Schirmherrin der Aktion, Hannovers Umweltdezernentin Sabine Tegtmeier-Dette. Wieviele prall gefüllte Müllsäcke am Ende zusammengekommen sind, steht allerdings erst heute Nachmittag fest.

A newspaper article about our activity in connection with the "Green EYE" – project.

In module 3 asked parents in an online survey about environmental issues. We were surprised that the “environmental awareness” was really high in our families. In a parents meeting we discussed the results with them.

Energy

1) What can we do to improve or change our energy consumption in our schools?

| | Answers in total | % |
|---|---------------------|-----|
| a) Switch off lights when not needed | 23 | 92% |
| b) Open windows only for a short time, esp. In winter | 20 | 80% |
| c) Reduce water consumption by water-stop-systems | 18 | 72% |

2) How can you get more energy from natural sources?

| | | |
|-------------------------|----|-----|
| a) Install solar panels | 24 | 96% |
| b) Use wind power | 22 | 88% |
| c) Use pellet heatings | 16 | 64% |
| d) Use biogas | 14 | 56% |

3) What do you do about saving energy in your daily life?

| | | |
|---|----|-----|
| a) Switch off electric devices completely during the night / when not at home | 19 | 76% |
| b) Turn-off heating while airing the room or leaving the room. | 23 | 92% |
| c) Use public transport. | 20 | 80% |
| d) Go by bike. | 17 | 68% |

Waste

1) Do you think that we can use rubbish in more productive ways? How?

| | | |
|--|----|-----|
| a) Recycling of plastic, tin, glass, paper and biodegradable waste | 23 | 92% |
| b) Offer a good/easy waste collecting system. | 18 | 72% |

2) What do you do about recycling waste in your daily life?

| | | |
|-----------------------------|----|------|
| a) Separating waste | 25 | 100% |
| b) Avoiding one-way bottles | 23 | 92% |



Pollution

1) Today there are so many people who respect our world, but others who do not. In your opinion what is the most effective way to respect our environment?

| | | |
|---------------------------------------|----|-----|
| a) Don't waste natural resources | 18 | 72% |
| b) Go by bike or walk short distances | 22 | 88% |
| c) Don't litter | 23 | 92% |

2) How can you encourage people to dispose of their rubbish correctly?

| | | |
|---|----|-----|
| a) Make recycling attractive, punish people who don't dispose their rubbish correctly | 17 | 68% |
| b) Try to explain why it is important. | 24 | 96% |

3) How is it possible to make the world a cleaner place?

| | | |
|--|----|-----|
| a) Avoid plastic material | 22 | 88% |
| b) Use more natural energy sources. | 22 | 88% |
| c) Reduce pollution caused by cars and planes. | 21 | 84% |

Conservation

1) How do we protect endangered animals on the earth?

| | | |
|---|----|-----|
| a) Don't buy endangered animals as pets or parts of animals e.g. ivory. | 18 | 72% |
| b) Don't buy farm products that are produced by destroying the natural environment. | 16 | 64% |
| c) Don't do things that enforce the climate change e.g. avoid fossil fuels. | 19 | 76% |

2) How can we protect the forests?

| | | |
|--|----|-----|
| a) Reducing pollution, avoiding acid rain | 16 | 64% |
| b) Avoid urban sprawl | 12 | 48% |
| c) Reduce demand for wood, recycle wood and paper. | 21 | 84% |

3) How can we maintain the natural beauty of the environment around us?

| | | |
|---|----|-----|
| a) Avoid building roads and motorways and high tension power lines on the surface | 18 | 72% |
| b) Reduce noise and pollution by cars and industry. | 21 | 84% |
| c) Avoid urban sprawl. | 16 | 64% |





With our partners in Italy, the Netherlands, Scotland and Turkey we exchanged the results of our surveys and finally we agreed on these steps to become a “Green Citizen”:

10 STEPS TO BEcome A GREEN CITIZEN

- *Do recycling.*
- *Don't leave computers or TV in standby mode (if you don't need them, switch them off).*
- *Use low energy light bulbs .*
- *Telephones in “save energy mode”.*
- *Switch off the lights if you don't need them .*
- *Always go on foot .*
- *Brush your teeth and never leave the tap running.*
- *Use recycled paper although it's yellowish.*
- *Don't leave my litter in the middle of the street (if you don't find a bin put it in your pocket or in your bag).*
- *Print on the front and on the back of the paper .*

Already started follow-up activities in our school:

- 1. Green Partners – green project with partner school in Tanzania (details are planned in August 2015)***
- 2. Klima! mobil – improving our photovoltaic resources and energy consumption. One school club will be in charge to inform the other pupils about energy saving methods and they will evaluate the progress.***



New „Klima! mobil“ office in our schoolyard.

- 3. Improving the waste concept of IGS Linden: new ways of separating waste: each class will be responsible for separating and taking the waste to the different bins of our school. This will show every pupil how much waste is “produced” per day and everybody (not the cleaning staff) is in charge to separate the waste and to disposal it correctly. The new system will be controlled by one class for one year.***
- 4. The teachers of the “Green EYE – Project” will keep staying in touch to report and exchange ideas about new steps to make the schools “greener schools.”***

They communicate by Whatsapp in a group called

“Green EYE forever!”

