



SCHOLAE EUROPAEA VARESE



**green
school**

**PRIMARY
2025-2026**



OUR AIMS

- To involve more students in Green School activities
- To work collaboratively across our whole school - Materna, Primary and Secondary
- To empower students to lead projects themselves
- To continue and develop work from last year
- To begin to embed Green Comp and the SDGs into our planning and learning





Our vision is to empower our pupils to realise their full potential and drive the change they want to see in the world.

Our mission is to educate and inspire our pupils, to embrace a sustainable lifestyle and mindset and to take action to make the changes they feel are needed to improve the world around them.

Protecting Our Planet



We measure our environmental impact and evaluate ways to improve as a school and community.

Connecting With Purpose



We communicate news and events and boost community engagement.

European Spirit



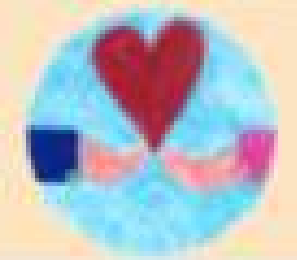
We foster values to cultivate global citizenship, diversity, equity and inclusion.

Quality Teaching & Learning



We support our teachers to equip our students with 21st Century skills for lifelong learning.

Wellbeing For Our Community

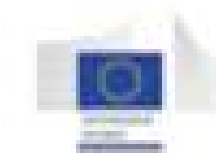


We evaluate our school environment and create a positive climate to ensure that teachers, pupils, and all school staff feel valued.

Governed by the Sustainability Committee of school stakeholders



Supported by the Middle Management Team of the European School of Varese



Collaboratori scolastici nel progetto



Local Charities

EC - Joint Research Centre

**COMSEV –
Cooperativa Mensa**

**AGSEV –
Associazione dei Genitori**

**COTSEV –
Cooperativa Trasporti**

All students

Local Experts

Parents

Team Green School

European and Italian Projects

Student Council

Membro Eco

Local Organisations

SCHOOL GOVERNANCE

As we are a combined Materna, Primary and Secondary we have two Green School accounts, however we work together as a whole school.



BTFWW is a whole school structure run by a committee of stakeholders. Each pillar is represented by Key Coordinators in the Materna/Primary and Secondary cycles. The 5 pillars are aligned with our Multi-Annual School Plans.

All Key Coordinators work together to support Green School initiatives across the whole school.

Student Councils and Secondary Membro groups are active leaders of Green School initiatives, supported by Key Coordinators.

SUSTAINABILITY POLICY

Our new Sustainability Policy provides a shared framework for learning, leadership and action. It embeds sustainability into curriculum design, school operations and community partnerships, empowering pupils to become active agents of change locally, nationally and globally.



The policy is based around our 'Building the Future We Want' organisational structure and encompassing the frameworks:

- European Commission Green Comp
- Green School pillars
- UN Sustainable Development Goals



QUALITY EDUCATION

- Staff Training - Agenda 2030 - Varese piu Bella/Creda and internal training during Pedagogical Training days
- Embedding Green Comp and the SDGs into our planning
- External expert training:
 - Climate Fresk for P5 Students
 - Plastic Free
 - Varese piu Bella/Creda
- Empowering our students through Student Council voice, action and dissemination
- Working with stakeholders - School Canteen, School Transport, Parents, JRC
- Using our outdoor classrooms and grounds
- Celebrating special days such as Earth Day and World Water Day
- Learning about sustainability through Art - using recycled materials and showcasing our ideas
- Sharing our learning - with older and younger students and our community



LIVING SUSTAINABILITY - SUSTAINABLE MENSA



Our Mensa Canteen is working to become more sustainable:

- No more plastic bottles
- Water fountains and reusable steel jugs and cups
- Biodegradable paper
- 100% organic Tuesdays twice a month
- Green Thursday - vegetarian once a month
- Local sustainable suppliers for pasta, rice, oil and honey and more
- Reduced packaging for school packed lunches
- Actively working to reduce waste



STAFF TRAINING - AGENDA 2030 AND CIRCULAR ECONOMY



Teachers participated in a Creda workshop to learn about Agenda 2030 and Circular Economy



SHARING EXPERTISE - FESTIVAL DELL'INNOVAZIONE SCOLASTICA

Asili nido e Scuola dell'infanzia

Build The Future We Want European School Varese, Scuola materna - Varese (VA)

Presentazione della scuola e bisogni formativi
La Scuola Europea di Varese offre un'educazione multilingue e multiculturale, fondata sulla valorizzazione dell'identità culturale di ciascun alunno e orientata alla formazione di cittadini europei. Promuove l'eccellenza accademica, lo sviluppo delle competenze linguistiche, scientifiche, artistiche e sociali. Gli insegnanti sono qualificati secondo gli standard nazionali dei rispettivi paesi d'origine.



Descrizione dell'esperienza in rapporto alle NCS
L'esperienza si inserisce nel quadro delle NCS attraverso un approccio sistemico integrato, ispirato alla missione "BTFWW - Build The Future We Want". L'obiettivo è promuovere negli alunni una mentalità sostenibile e responsabile, favorendo azioni concrete per migliorare l'ambiente scolastico e il mondo che li circonda.

Coordinatori dedicati, in sinergia con il Comitato BTFWW, guidano l'attuazione dei pilastri strategici, favorendo chiarezza, coerenza e azione collettiva. Il supporto agli studenti è stato rafforzato con una struttura più efficace e flessibile, allineando competenze e funzioni del personale. L'inclusione dei principi dell'Universal Design for Learning (UDL), la promozione del benessere scolastico, la valorizzazione dello spirito europeo e le iniziative ambientali (compostaggio, Green Club, Fresque del Clima) completano un percorso educativo volto a sviluppare competenze trasversali, cittadinanza attiva e consapevolezza ambientale.

<p>Proteggere il nostro pianeta</p> <p>Miglioriamo il nostro spazio ambientale e adottiamo i costi per ridurre le emissioni e essere sostenibili.</p>	<p>Connettersi con uno scopo</p> <p>Conosciamo meglio il nostro ambiente e il territorio. Sviluppiamo la comunità.</p>	<p>Spirito europeo</p> <p>Promuoviamo valori per costruire la cittadinanza globale, la diversità, l'uguaglianza e l'inclusione.</p>	<p>Insegnare a sperimentare e creare</p> <p>Sperimentiamo nuovi approcci didattici innovativi per migliorare il rendimento dei nostri studenti e favorire un apprendimento continuo.</p>	<p>Benessere per la nostra comunità</p> <p>Sostuiamo il nostro ambiente scolastico e facciamo del clima positivo per garantire che insegnanti, alunni e tutto il personale scolastico si sentano ascoltati.</p>
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Risultati raggiunti e replicabilità
Sono stati formati tutti i docenti sull'UDL e sul GreenComp, con piani condivisi per l'inclusione sostenibile. Rafforzati i legami con la comunità e la comunicazione scuola-famiglia. Migliorato il benessere del personale e degli studenti, con riduzione del bullismo e maggiore motivazione. Coinvolgimento attivo degli studenti nei processi democratici. Aumentata la consapevolezza ambientale e azioni concrete per la sostenibilità.

Our Green Team teachers from BTFWW in Primary and Secondary attended the FIS 2025 to showcase our BTFWW project.



FESTIVAL DELL'INNOVAZIONE SCOLASTICA



PLASTIC FREE WORKSHOPS



PLASTICFREE

P4 students worked with the Plastic Free organisation to learn about the dangers of plastic in the world.

CLIMATE FRESK



CLIMATE FRESK

All of our P5 students (EN, FR, IT, NL and DE) have participated in Climate Fresk workshops. They are creating workshops for our teacher and parent community.



SECONDARY-PRIMARY-MATERNA WORKSHOPS

Throughout Green Week, Secondary students provided workshops to all of Materna and Primary students about Endangered Animals and Microplastics



SECONDARY-PRIMARY-MATERNA WORKSHOPS



Monday 23rd March
Thank you letter

Dear Mrs McDonald,

We are writing to you to say that we really, really enjoyed the microplastics workshop presented by your amazing secondary students.

We were very impressed! They were amazing we understood everything because of how clear they were. We really enjoyed seeing how they filtered the water with glitter. We were so amazed and shocked that every year on average we breathe about a credit card of plastic. We also really enjoyed counting little microscopic microplastics. A lot of people got 50, 61, 102, 81, 68 and 58 the actual amount was 61. We also learned that the river Olona was quite polluted. They really were great.

With over enthusiasm

Vega (P4 EnA)

CREDA WORKSHOPS



Throughout Green Week and beyond, Varese piu Bella with Creda held workshops across the school: Greedy Bins, Drifting Plastics, Compostiamo and the Second Life of RAEE



LIVING AND LEARNING SUSTAINABILITY



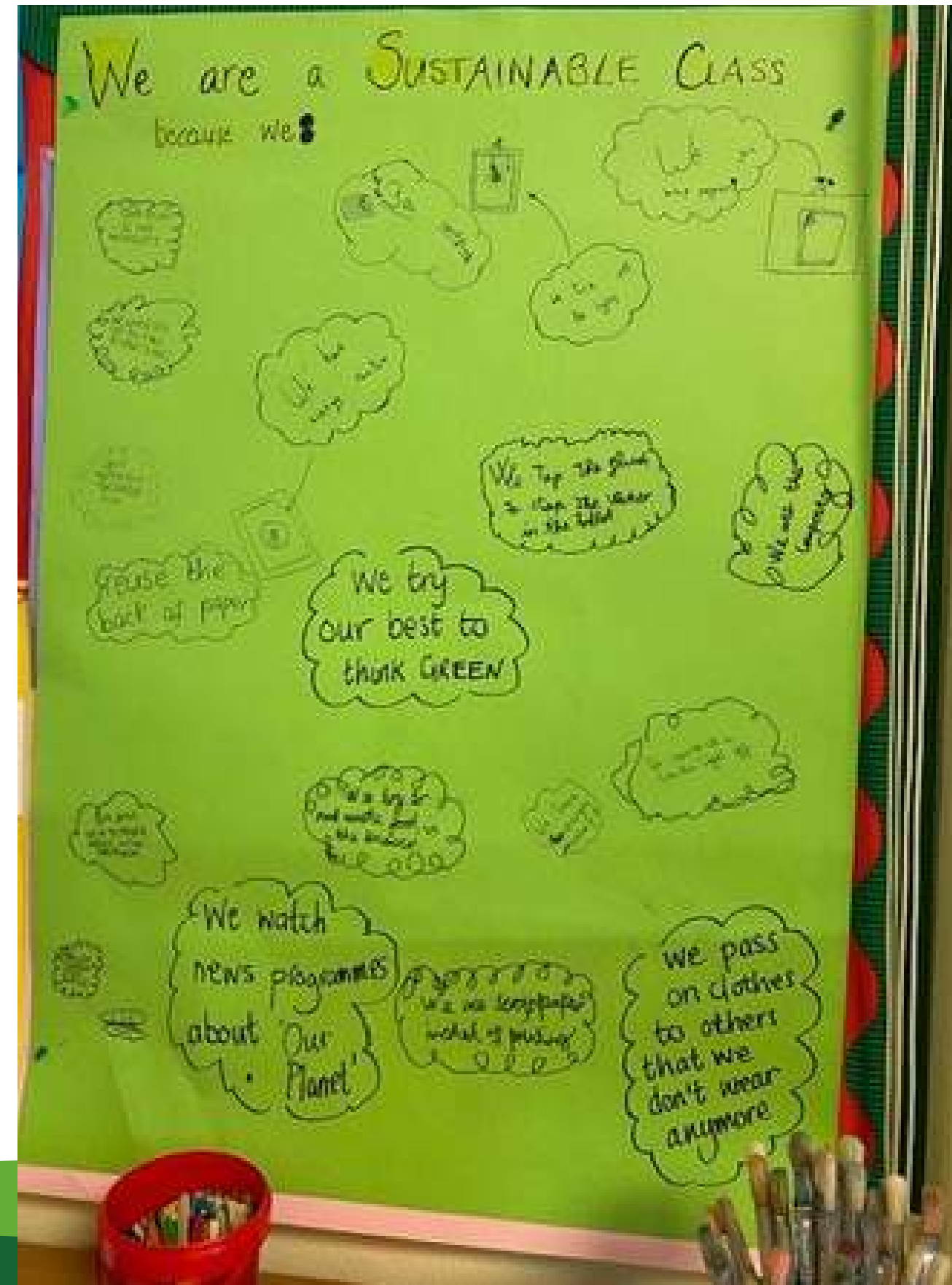
P1 students learned about their ecological footprint, focusing on daily consumption at home, such as electricity and water use, as well as the different ways of travelling to school.

The children began to understand how everyday actions involve the use of the Earth's resources and how green their footprint is.



LIVING AND LEARNING SUSTAINABILITY

P1 EN Learning about water and equality to link together sustainability and social sustainability.



Student Council
'Most Sustainable
Class'
Competition

LIVING AND LEARNING SUSTAINABILITY



P1 IT explored the urban environment, discussing the characteristics of a city and the way energy is consumed within it. As part of this work, the children designed and built their own city and discussed Agenda 2030 linked to further topics beyond pollution, energy use, recycling and particularly children's rights. For example, we discussed how not all children in the world have a home or the opportunity to attend school.

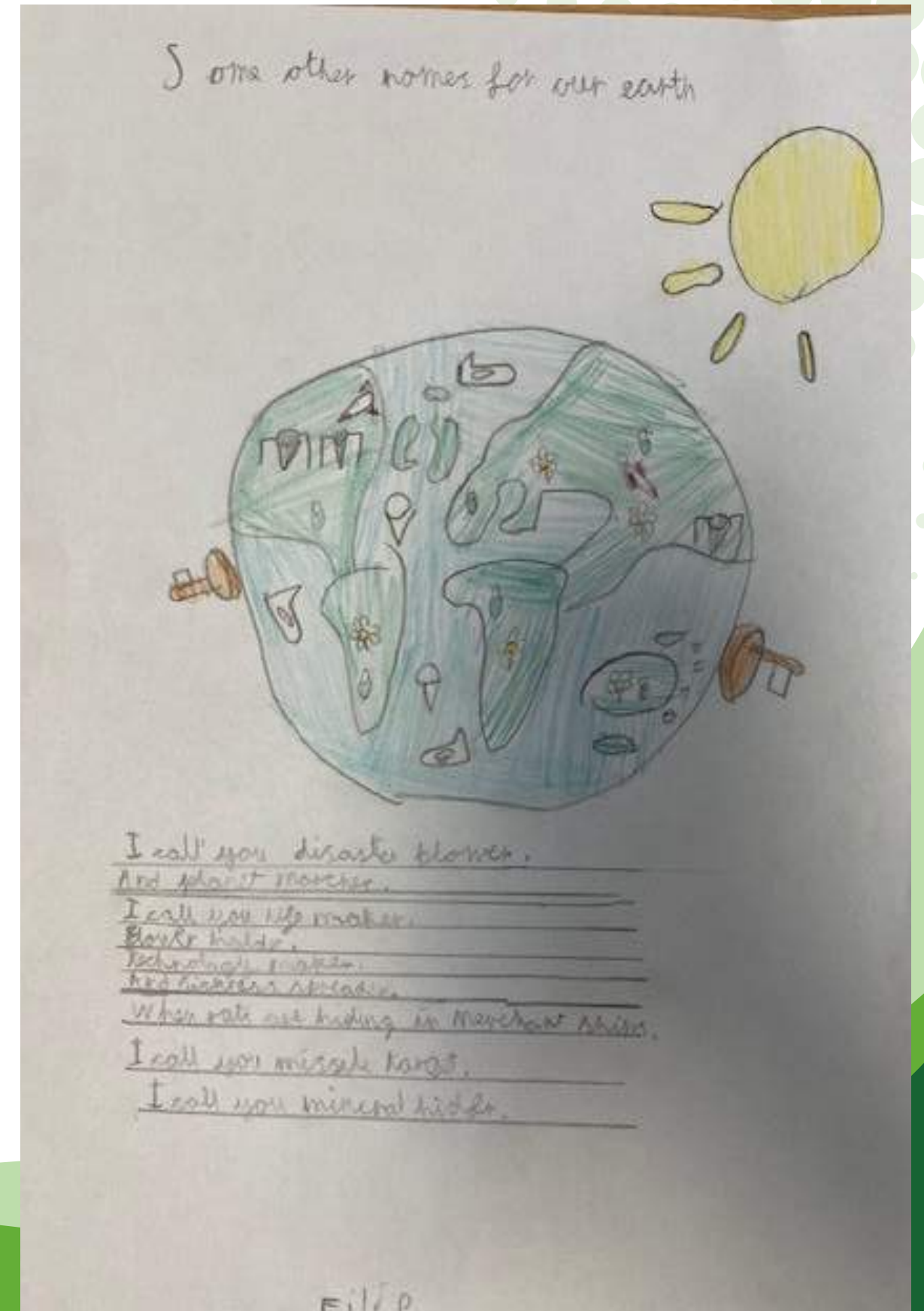
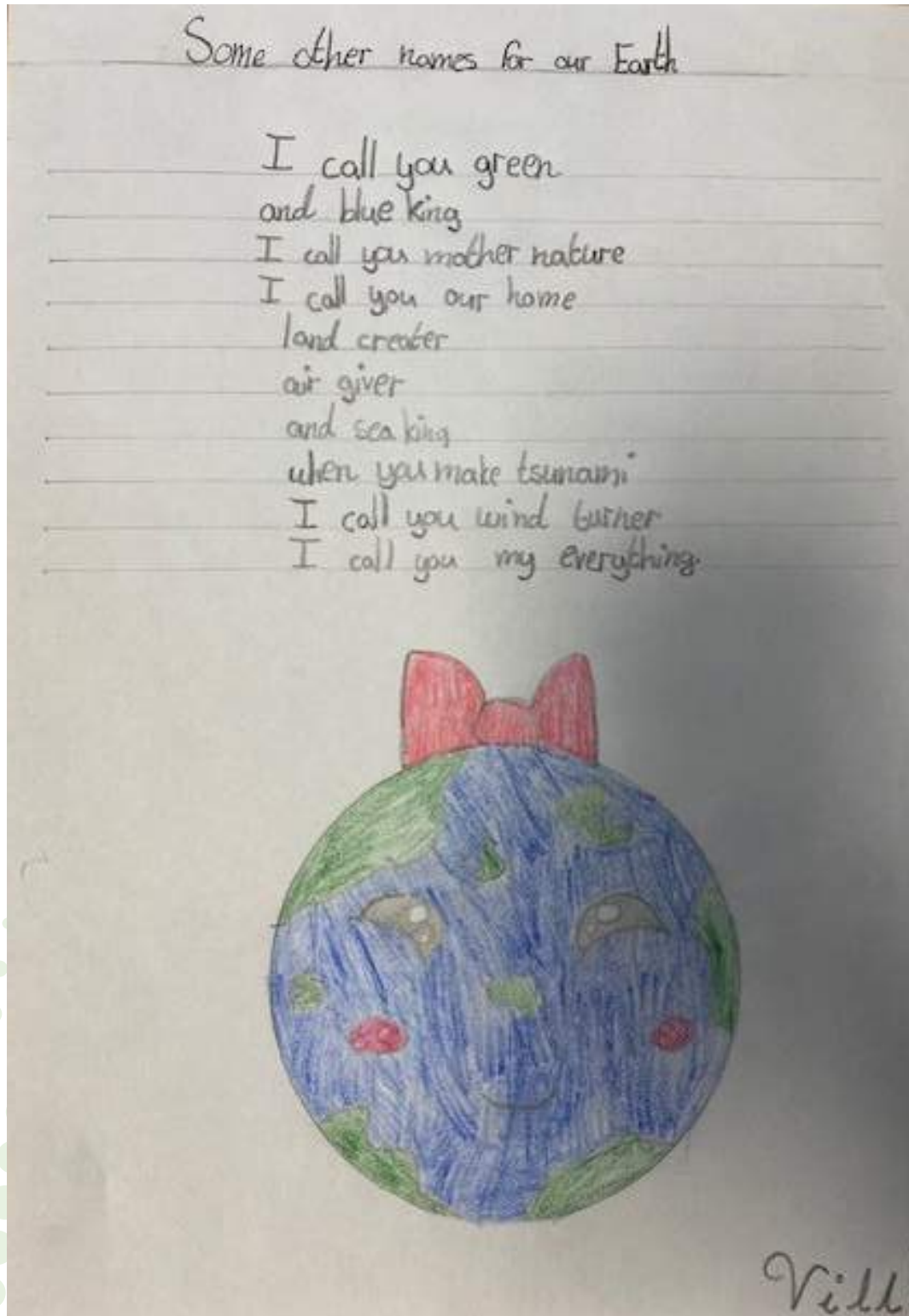
LIVING AND LEARNING SUSTAINABILITY

Children are regularly checking the air quality charts around our region as part of their class routine. The children are learning that looking after our planet includes being aware of the air we breathe. They love comparing air quality in different places. It's a simple routine, but it's building great environmental awareness.



LIVING AND LEARNING SUSTAINABILITY

After learning about climate change, students are given time for reflection through poetry and art.





LIVING AND LEARNING SUSTAINABILITY



Materna children learned about the problem of plastics in the ocean.

They made a project to improve the labelling of our bins, reduce snack waste and reuse waste materials with Eco Bear.



LIVING AND LEARNING SUSTAINABILITY

P3 Swedish and Danish Students have been working on a project linking sustainability and citizenship.



When children learn about plants, animals and ecosystems at the same time as ethical questions (e.g. “what is fair to an animal?”), they practice putting themselves in the shoes of others and taking responsibility for actions in their immediate environment.

Concepts such as respect, care and justice become much clearer when they are connected to concrete natural situations (e.g. why clean up a forest, why take care of a bee?). This helps children understand what morality means in everyday life.

Nature projects promote curiosity, critical thinking and action competence by discussing dilemmas from nature (e.g. “should we remove a dead tree that gives life to insects?”) trains children to argue, listen to each other and find solutions — not only to get answers, and to be able to act responsibly.

GREEN WEEK 26

23 - 27 Marzo



Green Week was a whole-school initiative begun by the students. Working together across the school and parent community we created a huge range of sustainability activities, workshops and events.



Food Sustainability & Mensa Pop-ups

Mensa Menu Design

- Students from **ITB**, accompanied by representatives from **Membro Eco**, will learn about local produce, sustainability, and food preparation in a special workshop with **Istituto De Filippi & So.Vite** on 13 March.



- Students will get to prepare dishes and choose part of the Mensa Menu for Green Week served to the whole school!

Mensa Pop-up

- There will be a **Mensa 'pop-up'** on display on Thursday which will explain how the sustainable menu was designed, by the students and showcase some of our local suppliers.
- **Mensa Make-Over:** The Mensa will feature sustainability advice from our mascot '**Matcha**', a south Chinese tiger (designed by **Art students** and **Membro Eco**).



Reducing Food Waste

- **Zero Waste Snacks** - Class representatives in the primary and Cycle 1 students in the secondary will create a list of '**Sustainable Snack Ideas**' to share digitally on school channels.
- '**Zero Waste: Take What You Eat**' campaign will run all week: COMSEV will offer portion size choices to students to try to reduce food waste.
- **Food Waste Survey:** Students in the primary and the secondary will participate in a survey on food waste before, during, and after **Green Week**. Our **maintenance team** will help us weigh our waste to measure the impact of our '**Zero Waste: Take What You Eat**' campaign.





Whole school Eco Fashion Show to celebrate Green Week



CREATIVE SUSTAINABLE ARTWORK



We reuse materials as much as we can such as egg cartons, plastic bags and milk cartons. We make things to help our school be more sustainable such as bird boxes and planters out of old milk cartons.

CREATIVE SUSTAINABLE ARTWORK



COMMUNICATION

School website dedicated to sustainability and Green School



Sustainability Newsletters
Social Media
News

Alla Scuola Europea di Varese la Green Week tra cucina e territorio

Search ...

Class Projects

Community

Materna

P1

P2

Un progetto condiviso tra Scuola Europea e Campus De Filippi ha coinvolto mille studenti in un percorso tra prodotti locali, sostenibilità e cucina durante la settimana green

alberghiero de filippi scuola europea varese



COMMUNITY LINKS



SOCIETÀ COOPERATIVA SOCIALE
IL MILLEPIEDI

We are working together
with Mille Piedi.



They visit us and we learn from them, we collect bottle tops to help them

COMMUNITY LINKS

italiamoldova
Associazione Italia-Moldova onv

RACCOLTA SOLIDALE DEI TAPPI DI SUGHERO

Il sughero è un materiale naturale
RICICLABILE AL 100%
che può essere riutilizzato in
vari modi

AIUTACI A TRASFORMARE QUESTO "RIFIUTO" IN "ADOZIONI A DISTANZA"

Raccogli i tuoi tappi e consegnali
alla nostra Associazione

Per informazioni:
Associazione Italia-Moldova onv
info@italiamoldova.org
Tel: +39 345.0919825
Associazione Italia-Moldova onv



Litter picking



Eco Run



We are working together with Italia Moldova.

They visit us and we learn from them, we collect bottle tops to help them

COMMUNITY LINKS



We work with the JRC who support us with workshops and guidance for our sustainable Mensa canteen.

Supporting local charities by fundraising and working together to learn from each other.



'Shoebox' Christmas donations boxes for families

We are working to improve the sustainability of our Mensa, working with De Filippi who help us source local organic foods.



Learning with local experts from the JRC, Creda and other local organisations



PARENTS

We have a Sustainability Parents Group with whom we work very closely to involve in many joint projects.



GREEN WEEK 26 WALK TO SCHOOL! GREEN WEEK 26
March 25th-26th-27th

Parents and Pupils:
Start your day with a 10 min forest walk to school!
Let's reduce car congestion and enjoy some time outside!
...and a coffee after drop off!

MEETING POINT! Meet us at **8:10am** at Parco Giorgio Perlasca across the road from Kolbe Church

WALKING ROUTE
A special gate will be opened for students to safely enter the school.
Weather permitting in case of pouring rain the walk will not take place!

WANT TO GET INVOLVED IN SUSTAINABILITY AT SCHOOL?
For more info, please contact AGSEV parents.association@agsev.it

PLEASE NOTE: This event is not insured by the ESV or AGSEV and the organisers cannot accept any liability for the children. Parents will be responsible for walking their own children to school. The event is imagined as a moment for parents to come together and enjoy a walk with their children, in community with others.

BUILDING THE FUTURE WE WANT



Good Night talks

Merende equilibrate e sostenibili

Martedì 10/03
21:00

Conference link:
<https://us06web.zoom.us/j/842190598757>
pwd=stFu2m7HaZa0ir3vJDmRYRex5jOqL1

Alessandra Giordani

AGSEV, in collaborazione con il Comitato Mensa, vi invita a un incontro con la biologa nutrizionista **Alessandra Giordani**, dedicato alla preparazione di merende sane, equilibrate e sostenibili per i nostri bambini.

L'incontro durerà **45'** e include una introduzione sulla corretta alimentazione dei **bambini dai 4 agli 11 anni**, seguita da strategie per garantire i nutrienti necessari per affrontare sia le giornate scolastiche brevi sia quelle più lunghe, tenendo conto del menù della mensa e delle attività pomeridiane (sportive e non).



Al termine dell'incontro verranno condivise le slide di presentazione e 20 ricette (in italiano ed inglese) adatte al calendario settimanale e al menù della scuola, con attenzione anche ad eventuali allergie e intolleranze.

È possibile inviare le vostre domande in anticipo possibilmente entro il 08/03 all'indirizzo:
massimo_dioguardi@hotmail.com.



KID'S TOY & CLOTHES SWAP



PRIMARY & MATERNA CHRISTMAS PARTY
Dec 18th, 14pm-15:30pm

Come to the AGSEV table to swap kid's toys & clothing!
Please help your children select three items in very good condition!
Children can bring items to school on Thu. 18th in the morning, there



green school

La Scuola che si impegna a ridurre il proprio impatto sull'ambiente e a educare i propri alunni a un atteggiamento attivo di tutela del pianeta.

AGSEV
Associazione dei Genitori della Scuola Europea di Varese

Become a member and be part of the bridge between home and school.
Your voice matters: we listen, support, and represent you.

Scan to join



www.agsev.it
parents.association@agsev.it
+39 351 7321987

CIRCULAR ECONOMY



Working together with the Ispra Repair Cafe

REPAIR CAFE

BROKEN THINGS? DON'T THROW THEM OUT!

WHEN
September 21st
October 19th
November 9th
December 14th

WHERE
Ispra
Train Station
Via Roma, 752

Whether it is a broken lamp, a flat bicycle tyre or a sweater to mend, you can fix it!

Our volunteers will be there to help you, exchange some tips and inspiration

Clothes Swap
Bring the clothes you no longer wear and exchange them!

Contact us
Scan the QR code to contact us on Whatsapp

ispra-repair-cafe@geopiegroups.com

Hosting a Clothes, toys and book swap at each large event - Christmas party and Europe Day

AGSEV INVITA AL NOSTRO

SECOND-HAND SKI SWAP & SALE

VENDI, COMPRA O SCAMBIA

- ABBIGLIAMENTO/ATTREZZATURA DA SCI -
- ROMANZI E VESTITI PER BAMBINI -
- GIOCATTOLI -
- DECORAZIONI PER L'ALBERO -

VENITE A TROVARCI PER CAFFÈ, TÈ, DOLCI E LAVORETTI NATALIZI

PER VENDERE, PRENOTA UN TAVOLO - PARENTS.ASSOCIATION@AGSEV.IT -

PER SCAMBIARE, PORTA LE TUE COSE - MASSIMO 1 BORSA -

BRING YOUR OWN MUG!

BRING NICE THINGS! LOVED BY YOU, READY FOR SOMEONE NEW!

SATURDAY 29 NOVEMBER 2025

10AM - 1PM

EUROPEAN SCHOOL - MENSA -

Associazione Genitori Scuola Europea Varese

O'Marche Community Exchange

Join the **ESV Community Exchange app**, supported by **AGSEV**.

Parents are joining together to make our community as healthy, happy, and sustainable as it can be!

*Visit <https://o-marche.net/>, and use the following details:

- GROUP ID: **VENICA**
- GROUP CODE: **379-011-968**

BUILDING THE FUTURE WE WANT

Promoting our Community Circular Economy Swap and Sale App - O'March



2025-2026 PILLARS



rifiuti



**spreco
alimentare**



energia



biodiversità



mobilità



acqua



PROJECTS 2025-2026



energia

- P4 - Raise profile of reducing energy consumption with their 'GEM' project led by students
- Whole School - Reduce energy consumption by replacing all lights with LED



biodiversità

- P4/P5 - Biodiversity investigation by comparing three areas of land
- Swedish Section - Install an Insect Hotel and nature games
- P2 - Strawberry garden
- P5 and Secondary - Planting a Tree for Tree Day
- Materna - new garden and planting experiments
- Dutch Section - plants in class



mobilità

- Walk to School
- Working with our Transport Committee



rifiuti

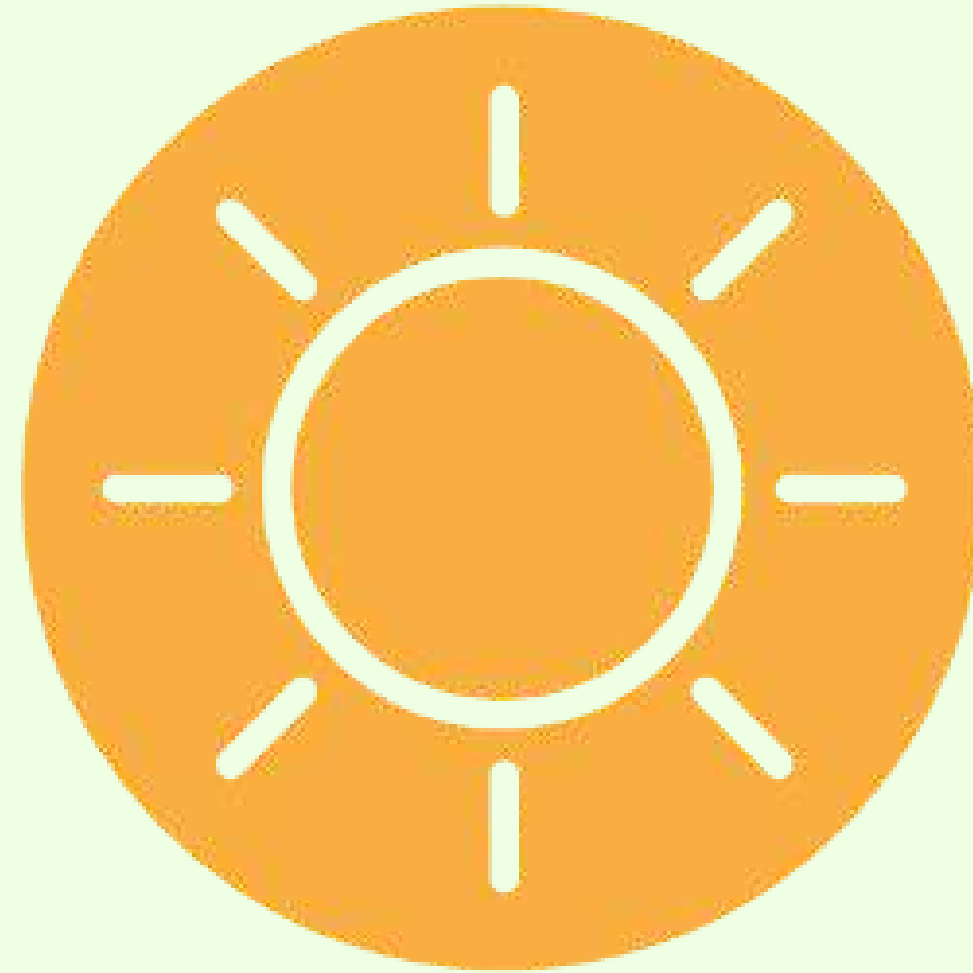
- Whole School - Measuring and reducing waste
- P2 - Measuring and reducing our litter
- Student Council - Improving our bins
- Materna - Eco Bear bin recycling
- Whole School - Removing the plastic water bottles in our school
- Regular Community Clothes Swap
- Using waste for Art Projects and Remida workshops



spreco
alimentare

- P3 - Composting our food waste from the Canteen
- Green Food Week
- Measuring food waste in the Mensa
- Trialling portion sizes to reduce waste





energia

1. P4 GEM 'Green Energy Monitor' project



P4 have linked Green School work to their Discovery of the World topic of Energy.

It is not yet possible to read the meter in the Primary and Materna so they have examined our electricity bills and our LED light project.

Recommendations from the students:

- All classes need to reduce energy so they have created a campaign called 'GEM' (Green Energy Monitor) with rules and badges
- The school should switch to a 100% renewable energy supplier
- The Materna and Primary should have solar panels
- They are writing letters to Management



What does the
G.E.M.
(Green energy monitor)
have to do?

1. Turn off/check the lights are off in the classroom and classroom
2. Turn off the smartboard.
3. Open the blinds instead of turning on the lights.
4. Turn off the radiator if the temperature is too high instead of opening a window.
5. Ask the teacher to put the computer into sleep mode when the class leaves the room.





biodiversità

1. P4/P5 Biodiversity investigation
2. P1 and P2 Planting a tree
3. P2 IT Strawberry Garden
4. Danish and Swedish student nature projects



biodiversità

BIODIVERSITY

P4 and P5 Classes are working on a long-term project to analyse biodiversity and how it is affected by human impact.



They have prepared 3 areas of ground:

- one area to dig, rake and plant grass
- a second area entirely alone
- a third to actively try to increase biodiversity by installing logs, insect hotels, insect friendly plants
- They are investigating and measuring how the insects are affected by their landscape.



biodiversità

BIODIVERSITY

Some difficulties occurred when the prepared land was accidentally cleared by a third-party company. This affected their measurements and they had to prepare some areas again.



Some measurements have been taken of insect life and the students worked with Secondary S4 to analyse the life in the soil through a microscope.





biodiversità

BIODIVERSITY

Many classes have been planting and growing in the Spring term.





biodiversità

BIODIVERSITY

P1 and P5 planted a Ginkgo biloba tree in the school garden to celebrate the Day of the Tree. They incorporated this into their learning by drawing pictures of trees.





biodiversità

BIODIVERSITY

P1 IT love nature and always look after the Strawberry Garden. This winter they collected aromatic herbs to dry and removed old weeds. They decided to leave a layer of leaf mulch around the plants to protect them from the cold.





biodiversità

BIODIVERSITY



Our Danish and Swedish team have also re-established our insect hotel.

P1 students wanted to help our birds through the winter and made bird houses from recycled materials.





mobilità

1. Optimised bus system
2. Walk to School community action



mobilità

MOBILITY



Our school has unique challenges for sustainable transport:

- Many of our students live long distances away, making our School Bus system COTSEV the most sustainable option. COTSEV have a Sustainable Transport Policy which shows:
 - Using the COTSEV bus service is most sustainable for families living far away as a single bus can replace up to 30 private cars, thus reducing pollution and improving air quality, reducing congestion and making our school surroundings safe.
 - COTSEV buses follow instructions to optimize energy consumption by reducing engine idling times and optimizing bus routes and stops.
 - COTSEV involve students in sustainable transportation initiatives
 -
- Although we are also located at the top of a big hill, many local families and staff walk and cycle with electric bicycles
- Many staff and families use the public H bus and the European Schools system reimburses staff public transport costs.





mobilità

MOBILITY

To highlight the importance of sustainable transport for Green Week, BTFWW and the parents organised a 3 day 'Walk to School' event where families who drive can carpool and meet to walk through the woods to school together.

This initiative was enjoyed by our community and helps remind us all about how much we use our cars and how nice it is to walk before school as a community.





rifiuti

1. Materna bin labelling Eco Bear project
2. Whole-school removal of single use plastic bottles
3. Primary Student Council bin evaluation and recycling awareness(Green School Method)
4. Green Week No-Waste Snack
5. P2 Litter Picking
6. Family Waste Evaluation Form



1. MATERNA ECO BEAR BIN LABELS

All Materna classes worked together with our Eco mascots to help the children discover the difficulties of recycling our rubbish properly. We made new clearer labels for the bins together.





2. WHOLE SCHOOL REMOVAL OF PLASTIC BOTTLES

With BTFWW, COMSEV, So.Vite and Comitato Mensa working together we were able to stop offering single-use plastic bottles, and So.Vite offered a new reusable water bottle to all students. The school also supported the initiative by installing new water fountains in the canteen.





3. GREEN SCHOOL BIN EVALUATION AND WASTE REDUCTION PROJECT

Organise - The students mapped and evaluated our external bins to make a preliminary investigation

Good Points

1. There are a lot of bins
2. There are separate waste bins
3. The bins are well distributed around the school grounds
4. The bins are mostly colour coded and labelled



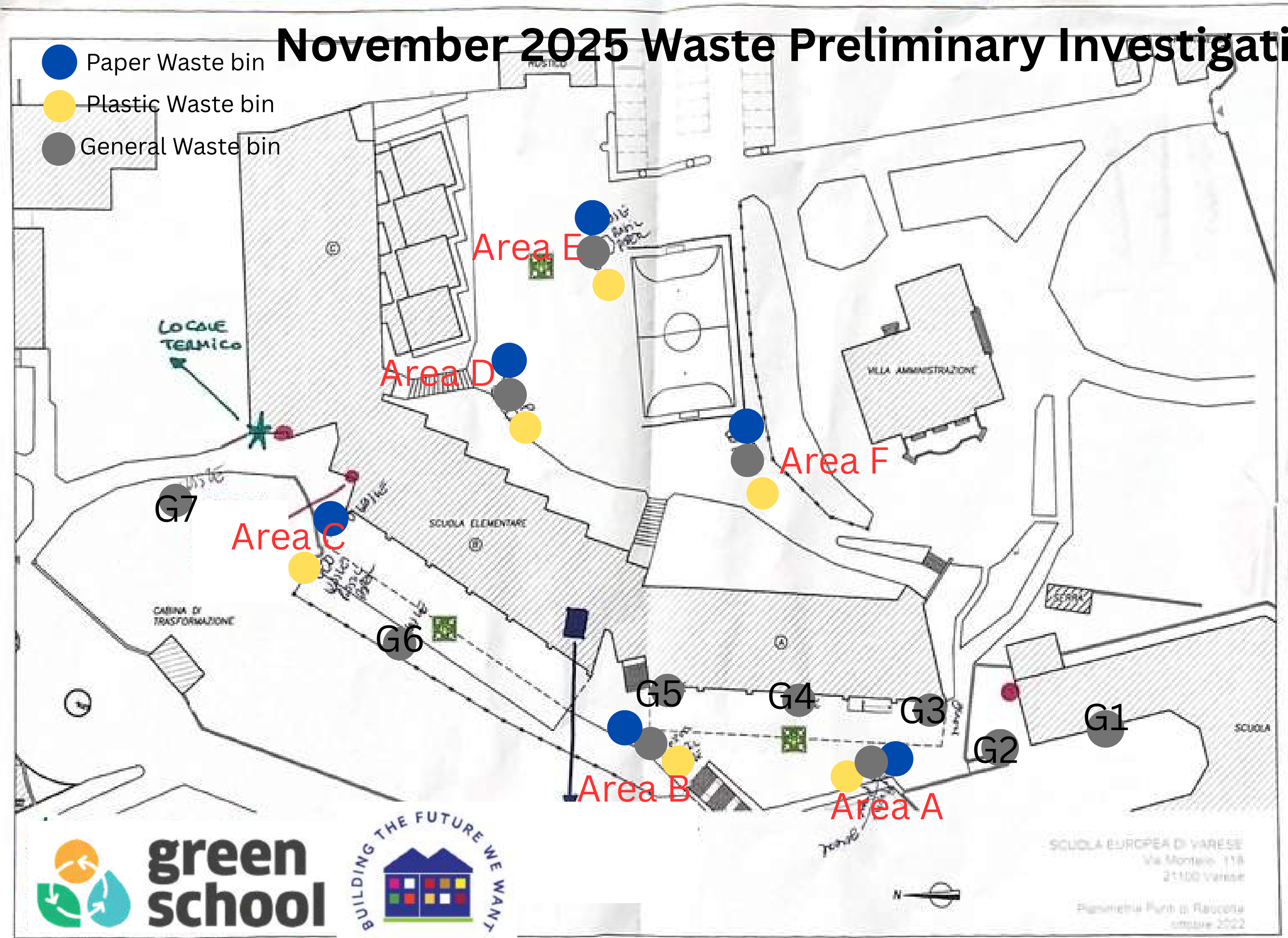
Bad Points

1. The bins are not all labelled properly
2. There are too many isolated grey general bins which means that recycling doesn't take place in that area
3. Inspections showed the waste in the bins was not being properly sorted (food is put in all of the bins, plastic in paper etc)
4. There was a lot of litter around on the ground on both playgrounds.



November 2025 Waste Preliminary Investigation

- Paper Waste bin
- Plastic Waste bin
- General Waste bin



SCUOLA EUROPEA DI VARESE
Via Montello 118
21100 Varese
Pianimetria Puro di Raccosta
ottobre 2022



Measure -

- Every bin was weighed for 4 weeks
- In the Green School form this totalled




rifiuti

1390.85 kg
WASTE

Lower Playground

Record weight in g/kg

Date	Area A			Area B			Area C		
	Plastic	Paper	General	Plastic	Paper	General	Plastic	Paper	General
5/12/25	1,63	3,04	1,64	0,40	0,64	1,09	1,59	2,47	3,24
12/12/25	1	2,89	2,05	0,98	0,96	2,32	1,56	2,27	3,09
19/12/25 16-01-26	1,26	0,53	2,42	1,20	1,38	3,82	0,90	1,21	2,79
09/01/26 21-01-26	1,10	3,01	2,05	1,25	1,33	2,50	2,20	2,30	3,10

Lower Playground

Record weight in g/kg

Date	G1	G2	G3	G4	G5	G6	G7
5/12/25	1,84	2,71	2,48	2,09	1,29	1,45	1,09
12/12/25	2,18	2,18	2,76	2,98	1,63	1,48	1,20
19/12/25 16-01-26	2,41	3,05	1,90	1,59	0,79	2,42	1,50
09/01/26 23-01-26	1,20	2,00	3,10	1,58	2,03	2,15	1,57

Upper Playground

Record weight in g/kg

Date	Area D			Area E			Area F		
	Plastic	Paper	General	Plastic	Paper	General	Plastic	Paper	General
5/12/25	0,59 kg	0,40 kg	3,17 kg	3,68 kg	0,87 kg	3,12 kg	0,64 kg	0,65 kg	1,70 kg
12/12/25	1,07 kg	0,59 kg	6,15 kg	4,56 kg	1,21 kg	5,15 kg	0,85 kg	1,03 kg	2,38 kg
19/12/25 16-01-26	1,90 kg	1,15 kg	14,55 kg	3,60 kg	1,70 kg	11,94 kg	2,80 kg	1,70 kg	6,54 kg
09/01/26 21-01-26	1,06 kg	1,35 kg	9,08 kg	2,43 kg	1,64 kg	8,02 kg	0,62 kg	0,78 kg	2,87 kg





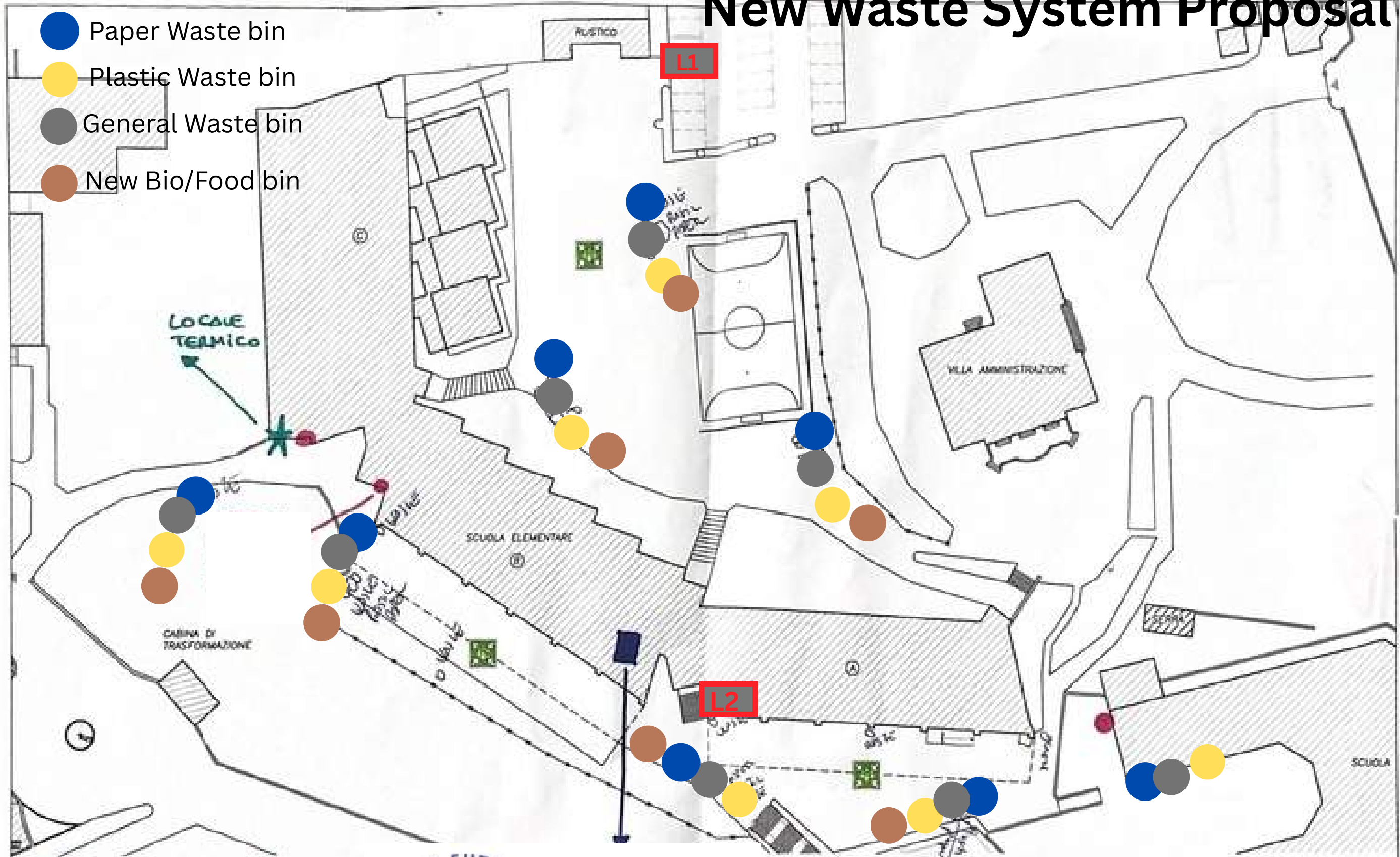
Plan -

- Remove all of the isolated grey general bins
- Create more effective 'Ecological Islands' of 4 bins: Plastic/Metal, Paper, Card and Tetrapak, Wet/Food Waste and Non-Recyclable.
- Buy new Food/Bio bins.
- Relabel all bins with picture-based posters showing what can go in each bin. Students to make posters explaining how to recycle for each Ecological Island that will be displayed by the bins.
- Educate students about the importance of reducing waste, recycling properly and not littering by making a video
- Set up a Zero-Waste Snack week for Green Week
- Students should be responsible for litter by litter picking regularly
- Work with parents and students to reduce waste in snacks



New Waste System Proposal

- Paper Waste bin
- Plastic Waste bin
- General Waste bin
- New Bio/Food bin



SCUOLA EUROPEA DI VARESE
Via Montello 118
21100 Varese

Pianimetria Punt di Raccolta
ottobre 2022

Implement Good Practice -

- The Student Council ran a competition across P2-P5 to design an effective poster for each new bin.
- We now have a bin for:
 - plastic
 - organic
 - paper and tetrapak
 - generic
- All bins are colour coordinated and have a poster made by the students to show what can go in each bin
- The Student Council then made a video to educate students about the importance of reducing waste, recycling properly and not littering





Implement Good Practice -

P2 FR and IT classes took responsibility for litter picking after playtimes and measuring the waste. The average number of pieces of litter reduced from 49 to 25 after the implementation!



green school ES Varese Green School – Rifiuti – Misurazione Snack
Settimana che inizia il 9 febbraio 2026

CLASSE: P2 IT
parco giochi superiore

Imballaggio per snack	Materiale	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ	Totale imballaggi utilizzati
Brioche o cracker o biscotti monodose	Plastica	4	5	8		2	
Patatine fritte/Crisps	Plastica	1	1	1		0	
Yogurt/budino	Plastica	0	0	0		0	
Yogurt da bere	Plastica	0	1	0		1	
Bere in un cartone	Tetra Pak	0	0	1		0	
Purea di frutta	Alluminio	1	0	0		0	
Bottiglia d'acqua	Plastica	0	0	0		0	
Carta stagnola per sandwich	Alluminio	2	0	1		0	
Pellicola trasparente per sandwich	Plastica	3	0	3		1	
Borsa non grassa	Carta oleata	0	0	0		0	
Sacchetto di carta da forno	Carta	0	0	0		0	
Snack al cioccolato	Plastica	7	0	1		0	
Altro:	SCATOLE CARTA	2	2	2		1	





rifiuti



13 CLIMATE ACTION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Implement Good Practice -

- The students, teachers and parents all worked together on a Zero-Waste Snack campaign for Green Week.
- All classes were asked to make a 'Menu of Sustainable Snack Ideas' with their students and send it to their Class Rep to share with the parents.
- Posters were displayed around the school, the parents were reminded in our Community WhatsApp channel and the parents held an online workshop.



Good Night talks

Merende equilibrate e sostenibili

Martedì 10/03
21:00

Conference link:
<https://us06web.zoom.us/j/842190598757?pwd=stFu2m7HaZa0ir3vJDmRYRex5ljoQl.1>

Alessandra Giordani

AGSEV, in collaborazione con il Comitato Mensa, vi invita a un incontro con la biologa nutrizionista **Alessandra Giordani**, dedicato alla preparazione di merende sane, equilibrate e sostenibili per i nostri bambini.

L'incontro durerà **45'** e include una introduzione sulla corretta alimentazione dei **bambini dai 4 agli 11 anni**, seguita da strategie per garantire i nutrienti necessari per affrontare sia le giornate scolastiche brevi sia quelle più lunghe, tenendo conto del menù della mensa e delle attività pomeridiane (sportive e non).

Al termine dell'incontro verranno condivise le slide di presentazione e 20 ricette (in italiano ed inglese) adatte al calendario settimanale e al menù della scuola, con attenzione anche ad eventuali allergie e intolleranze.

È possibile inviare le vostre domande in anticipo possibilmente entro il 08/03 all'indirizzo:
massimo_dioguardi@hotmail.com.



Implement Good Practice -

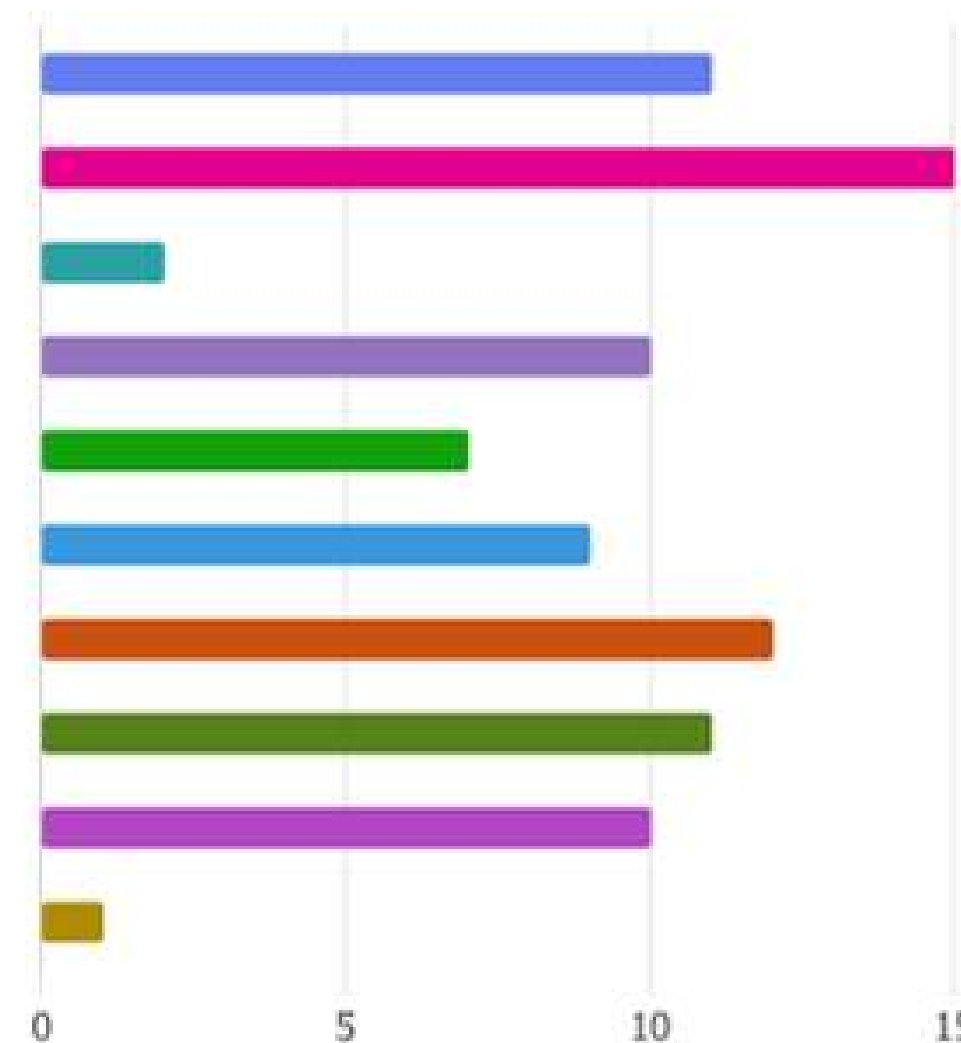
- Parents were also asked to complete an online evaluation form about their waste habits. We collected 24 evaluations from across the whole school.
- It showed that our parents are good at recycling and reusing, but can utilise local services to help more.
- The form also promoted our Circular Economy work with the Ispra Repair Cafe and reselling items on the Community O'Marche App.



7. Reflection: What would you like your household to improve? / Riflessione: Cosa vorresti che la tua famiglia migliorasse?

[More details](#)

Refusing - stop using single use plastics	11
Refusing - avoiding excessive packaging	15
Refusing - reusing shopping bags	2
Reducing - reduce food waste	10
Reducing - reduce paper waste	7
Reusing - reusing items for another purpose	9
Reusing - donating or selling old things with the ESV Community Exchange O-Marche...	12
Repairing - Repairing broken things myself	11
Repairing - Visiting the Ispra Repair Cafe to repair broken things	10
Other	1



13 CLIMATE ACTION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION





Remeasure -

- For Green Week and after we remeasured for 3 weeks
- Our results showed a 63.96% savings in CO2 and 49% less plastic. Well done everybody!

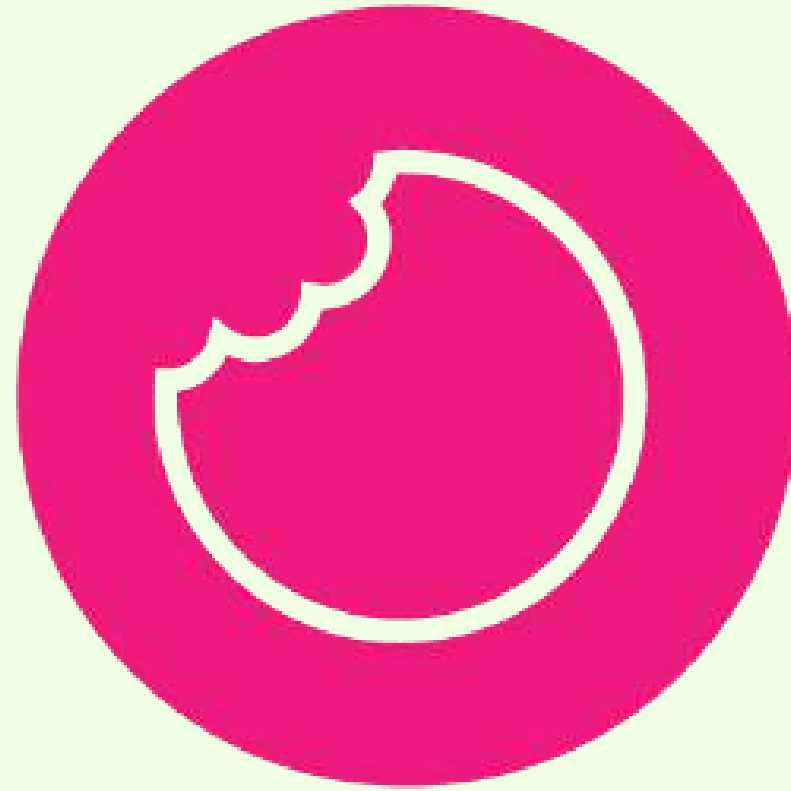


Waste	CO2 coefficient	Preliminary investigation		Good practice	
		7-day average in kg of waste	CO2 emissions in kg	7-day average in kg of waste	CO2 emissions in kg
Only plastic	0.44	5.01	2.20	2.57	1.13
Paper + Tetrapack	1.18	4.39	5.18	2.82	3.33
Humid	1.78	0.00	0.00	3.77	6.71
Glass	0.44	0.00	0.00	0.00	0.00
Aluminum	1.30	0.00	0.00	0.00	0.00
Glass + aluminum	0.65	0.00	0.00	0.00	0.00
Plastic + aluminum	3.71	0.00	0.00	0.00	0.00
Glass + plastic + aluminum	3.01	0.00	0.00	0.00	0.00
Undifferentiated dry waste	5.00	19.92	99.61	5.48	27.39
Total		29.32	106.99	14.64	38.56
CO2 (Kg) / Waste (Kg)		3.65		2.63	

Communication and Future Practice

- P2 will continue to litter check
- Student Council will monitor the waste and recycling
- We will have shared the information on our school website and in our school newsletter





spreco alimentare

1. Whole-school Mensa waste reduction project - portion sizes and awareness campaign
2. P3 Composting waste project



spreco
alimentare

REDUCING MENSA FOOD WASTE



Initial Investigation:

Positives

- the menu is prepared with input from the European Commission's Sustainability Procurement Plan for health and sustainability and food quality has improved a lot
- the canteen is already serving 100% organic food two Tuesdays a month and Vegetarian Thursday once a month
- the canteen already has many local and organic food suppliers

Negatives:

- there is excessive food waste (7 large bins a day)
- students, teachers and serving staff do not understand the menu structure and what they are allowed to take from each area such as substitutions (e.g. salad or primo)
- there is a general disregard for food waste by students as they do not sort the waste from their own tray
- the menu has mixed responses and is only informally monitored





spreco
alimentare

REDUCING MENSA FOOD WASTE



Green Week Intervention Plan:

- Secondary students will visit Istituto del Filippi prior to Green Week to design the Green Week food menu from locally sourced and sustainable ingredients so the menu is student led
- Teachers will be informed about the menu options and substitutions and will share this with students so they can make better-informed choices
- Front-line staff will be trained to give different portion sizes to reduce waste
- Students were supported by parent helpers from the Canteen Committee to ask for portion sizes and foods that they will try to eat all
- The Canteen will be covered in posters to explain the portion sizes and options clearly to the students.

Longer Term Interventions:


- Taking photos of daily meals to share on a screen that educates students about their meal choices, sustainability, where the food is from, nutrition and cultural aspects. We hope this will help students make better choices that will reduce waste.
- So.Vite our food provider has established links with a local food bank Donononsolopane who can reuse our leftovers to make foods to sell such as jam.
- We are working to set up more interactive celebratory menus that link to our European culture to inspire our students.
- We have worked with our service provider to make school packed lunches (used for trips) more sustainable.
- Redecorating our Mensa Canteen with plants to make it a more pleasant environment and improve smells and air quality. This was a request from our student council that we will focus on more next year.

Measure:

We will measure this project in 2 ways:

- Some classes will complete a quick evaluation form where they indicate how much of the plate they have eaten and whether they liked it over 3 weeks.
- Our Maintenance team and COMSEV will support the students to weigh the foodwaste during the 3 weeks.
- The intervention will begin during Week 2 which is Green Week

Mensa Waste Measuring



Week 1: Baseline Data

Date	No. Bins	Total weight of waste (Kg)
Tuesday 17 th March	7	119.22 kg
Thursday 19 th March	5	121.3 kg

Week 2: Green Week – Zero Waste Project

Date	No. Bins	Total weight of waste (Kg)
Tuesday 24 th March	6	135.37 kg
Thursday 26 th March	7	126.44 kg

Week 3: After Intervention

Date	No. Bins	Total weight of waste (Kg)
Tuesday 14 th April	7	115.17 kg
Thursday 16 th April	6	144.91 kg

23/3

Mensa Food Waste Green School Week: _____ Class: P3IT
 Menu today: Gnocchetti Verdi, Riso verdure, Tortino zucchine, Turchino, spinaci, cornetti

Name	Primo Colour how much you ate or cross out if you did not take. Colour the face to show how you liked it.	Secondo Colour how much you ate or cross out if you did not take. Colour the face to show how you liked it.	Pan si/no	Frutta si/no
PIETRO			SI	SI
GIANFR			SI	SI
JASON			SI	SI
MARCELLO			No	SI
MATIAS			No	SI
MELISSA			No	SI
GIADA			No	No
BRYAN			SI	SI
FRANCY			SI	SI
DENNIS			SI	No

Intervention - A few weeks before Green Week some Secondary students visited Istituto del Filippi to learn about the sustainable foods we use in our Mensa (local honey, rice, pasta and oil) and to create a menu for Green Week using these ingredients.



For Green Week we planned to serve the student-designed menu, teach the students about their meal options to make better choices and to choose portion sizes to reduce waste.

Options for your Meal

FIRST COURSE - PRIMO *cheese and save waste!*

- Primo (e.g. pasta, minestra) or Hot Side Dish (e.g. carote, patate) or Small Salad

MAIN COURSE - SECONDO

- Secondo (e.g. polpette di manzo) or Large Salad

DESSERT- DOLCE

- Frutta or Yogurt or Small Salad

SIDE DISH

- Hot Side Dish (e.g. carote, patate) or Small Salad

Pane 1-2 pezzi

ASK FOR WHAT YOU WILL EAT

Small Medium Large

ONLY TAKE WHAT YOU WILL EAT

Zero Waste



Intervention - As part of our Awareness Campaign, our provider So.Vite and the Istituto de Filippi demonstrated two pop-up workshops in the Canteen for Green Week.

The first pop-up celebrated and showcased the local producers we use for our canteen and the students and staff were offered little cakes made with these ingredients.

In the second pop-up we showcased a local Food Bank that collects unwanted food and makes it into jams and other condiments.





Remeasuring the impact - Unfortunately the remeasuring has shown little impact on waste reduction which is disappointing.

It could be that our measurements need to be taken over a longer period to account for different menus (as weekly menus vary, some are heavier and bulkier) and to also give more time for the intervention to be effective.

Communication and further work - We have communicated our results in our school website and newsletter. Parents were also informed of our work from the Green Week Newsletter special.

The work has just begun to try and reduce our Mensa waste, we will continue with our plans and are working together to examine our menu to further reduce waste.



MENU' INVERNALE 23 – 27 Marzo 2026 (3)

LUNEDI' 23 Marzo 2026		Attività parascolastiche
Primi piatti	RISOTTO ALLE VERDURE* GNOCCHI TIROLESIS* BURRO e SALVIA	Risotto alle verdure Affettato di tacchino e fagiolini
Secondi piatti	AFFETTATO DI TACCHINO TORTINO di ZUCCHINE*, BIETOLE* e EDAMER	Frutta
Contorni	SPINACI* / FAGIOLINI*	
Insalatona del giorno	con PROSCIUTTO COTTO e EDAMER / con UOVA SODE	
Dessert	FRUTTA DI STAGIONE	
MARTEDI' 24 Marzo 2026		** GREEN WEEK **
Primi piatti	RISOTTO MANTECATO ALLA FORMAGGELLA DI LUINO PASTA AGLI AROMI CON OLIO EVO LAGO MAGGIORE	Risotto mantecato alla formaggella Torta salata con pesce di lago
Secondi piatti	TORTA SALATA CON PESCATO DI LAGO BOCCONCINI DI POLLO con MIELE e NOCCIOLE	Carote all'olio Frutta
Contorni	CAROTE ALL'OLIO / PATATE SABBIAITE	
Insalatona del giorno	con MOZZARELLA BIO e OLIVE	
Dessert	FRUTTA DI STAGIONE BIO	
MERCOLEDI' 25 Marzo 2026		MENSA CHIUSA
GIOVEDI' 26 Marzo 2026		*** MENU DI PASQUA***
Primi piatti	PASTA al TONNO PASTA AL RAGU' BIANCO con ASPARAGI	Pasta al ragu' bianco e asparagi Spezzatino di manzo
Secondi piatti	TRANCETTO di BROCCOLI* e MOZZARELLA SPEZZATINO DI MANZO e PISELLI	Piselli Colomba pasquale
Contorni	PISELLI* / ZUCCHINE GRATINATE*	
Insalatona del giorno	con TONNO e OLIVE / con LENTICCHIE e OLIVE	
Dessert	FRUTTA DI STAGIONE o COLOMBA PASQUALE	
VENERDI' 27 Marzo 2026		
Primi piatti	PASTA CECI e BROCCOLI* PASTA AL RAGU'	
Secondi piatti	TORTA SALATA* di VERDURE e RICOTTA SALSICCIA	
Contorni	FINOCCHI GRATINATI* / PATATE PREZZEMOLATE*	
Insalatona del giorno	con POLLO ALLA PIASTRA / con MAIS e PRIMOSALE	
Dessert	FRUTTA DI STAGIONE	

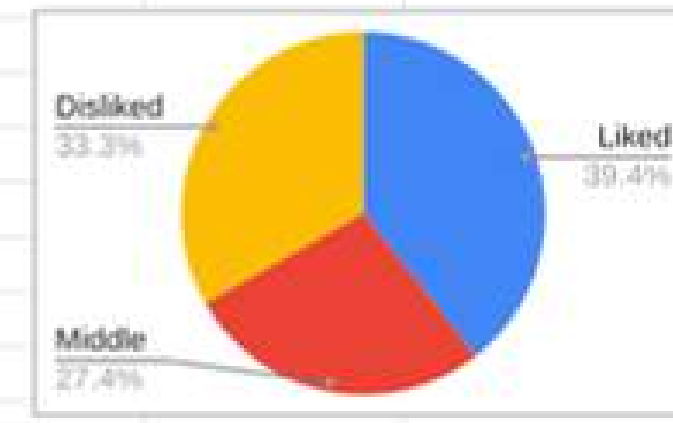
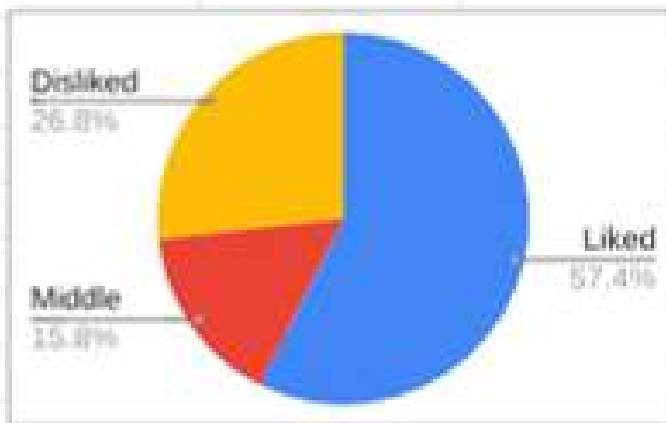
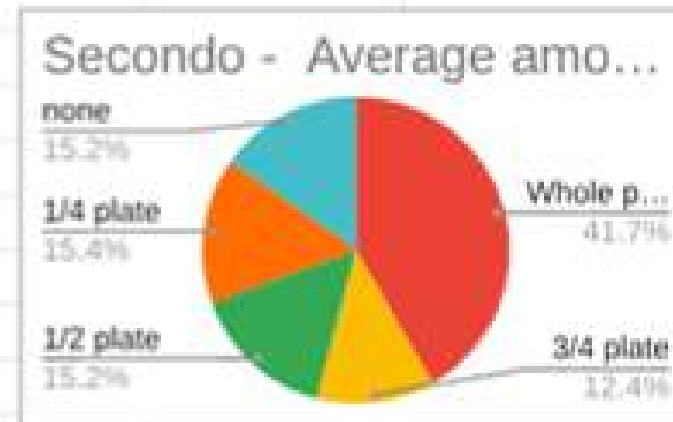
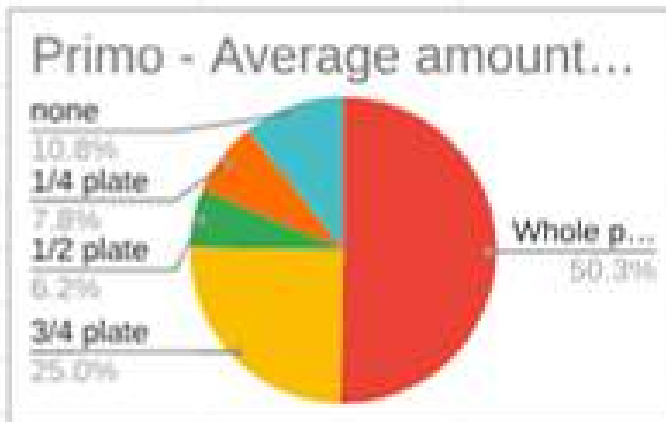
*PRODOTTO DI ORIGINE SURGELATA



Evaluation - In addition, some classes volunteered to measure how much of the plate they ate and whether they liked it over 3 weeks.

The results show that on average 50% of students ate all the Primo, and only 41% the Secondo. 10% of Primo and 15% of Secondo were not taken at all. 49% ate bread and 58% ate fruit. We are looking to extend this evaluation for a longer period.

Average	Primo - Average how much eaten & liked		Secondo - Average how much eaten & liked		% Bread and Fruit eaten	
Whole plate	50.51%	Liked	56.57%	41.70%	Liked	39.97%
3/4 plate	25.11%	Middle	15.51%	12.41%	Middle	27.78%
1/2 plate	6.20%	Disliked	26.41%	15.22%	Disliked	33.77%
1/4 plate	7.79%			15.44%		
none	10.82%			15.22%		



23/3

Mensa Food Waste Green School Week: _____ Class: P31T

Menu today: Gnocchetti Verdi, Riso verdure, Tortino zucchini, Turchino, spinaci, cornetti

Name	Primo <small>Colour how much you ate or cross out if you did not take. Colour the face to show how you liked it!</small>	Secondo <small>Colour how much you ate or cross out if you did not take. Colour the face to show how you liked it!</small>	Pane si/no	Frutta si/no
PIETRO			SI	SI
GIANFR			SI	SI
JASON			SI	SI
MARCELO			No	SI
MATIAS			No	SI
MELISSA			No	SI
GIADA			No	No
BRYAN			SI	SI
FRANCY			SI	SI
DENNIS			SI	No



spreco
alimentare

P2 IT USING WASTE FOOD TO MAKE A CAKE

P2 IT didn't want to waste the left-over bananas from Mensa, so they brought them back to class to make a banana cake.





P3 COMPOSTING MENSA WASTE

The whole of P3 have continued their Composting project over the whole year. Classes take turns to take bowls to the Mensa to collect compostable waste and take it to our garden composter. They have weighed how much they have collected.



We have compared the total weight of leftovers with the total weight minus the amount taken to the composter as before and after intervention.

This shows that they were able to compost 40% of their waste.



4.15kg

Average weekly savings in CO₂ emissions

78.85 kg

Total CO₂ ₂₀₁₈ emitted thanks to the good practices applied

40.54%

Percentage of food not wasted

Food waste	CO ₂ coefficient	Preliminary investigation		Good practice	
		average 7 days	CO ₂ emissions (Kg)	average 7 days	CO ₂ emissions (Kg)
Discard on the plate	1.78	5.75	10.24	3.42	6.09
Leftovers in the pan	1.78	0.00	0.00	0.00	0.00
Total		5.75	10.24	3.42	6.09



acqua

1. Water Butts
2. Efficient toilet flush
3. Self-closing taps



REDUCING WATER

- We regularly use our water-butts to water our school garden.
- We have water fountains all around the school to encourage students to reuse their own water bottles and not waste water.
- We have signs reminding students to turn off taps and in the Primary we have self-closing taps.



13 CLIMATE ACTION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



14 LIFE BELOW WATER



6 CLEAN WATER AND SANITATION



Thank you!