



Highly Commended

# Programming, Apps & Robotics Year 5-6

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Highgate School



## Mission Earth

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Meet Our Mascots

▼ Bins

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Our Game

# Mission Earth

## At Highgate School



### Our MISSION

We aim to inform students and staff at Highgate School which rubbish goes where.

By providing clear guidelines and educational game, we can ensure that recyclables, compostables, and landfill waste are correctly sorted.

We also hope to show the consequences of littering so people are more likely to make the right choices.

### Mission Earth Game

To make the learning more fun we are introducing a "MISSION EARTH" game.



#### Level 1

Level one teaches students to pick up rubbish from the floor and not to litter.



#### Level 2

Level two helps students understand what rubbish goes in the right bins.

### Schools Mascots

At Highgate, the Green Group has realized that everybody struggles to put the correct rubbish in the right bins, so they introduced school mascots which encourage children to use the right bins.

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### Our School Mascots:

At Highgate, we have mascots to help students remember what goes in what bin. These little friends mainly help the younger kids remember what should be put in what bin.

We will receive mascots on each bin at the start of term 3 2024. Having these little creatures placed on our bins, the younger kids are more elevated to do the right thing and place the correct rubbish in the proper bins, this helps them throughout their years and helps them learn.

### These Are Our Mascots:



#### The Litter Ladybug

The Litter Ladybug is Highgate's mascot for the red bin.



#### The Paper Penguin

We use the Paper Penguin as the mascot for the paper bin.



#### The Composting Caterpillar

The Composting Caterpillar is used as the mascot for the green bin.



#### The Ten Cents Tiger

The 10 cents tiger is Highgate's mascot for the 10 cents bin.



#### The Recycling Rubber Ducky

The Recycling Rubber Ducky is used for the recycling bin.





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## ^ Bins

- Red - General Waste
- Yellow - Recycling
- Green - Compost
- Blue - Paper
- Purple - 10 Cents

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## Bins

### Cleanaway Bins:

At Highgate our school is privileged to be using Cleanaway bins. Having these allows us to understand what goes in what bin, unfortunately, not everyone understands what being eco friendly means, this leads us to our mission, we aim to inform students and staff at Highgate School which rubbish goes where.

We also hope to show the consequences of littering so people are more likely to make the right choices. Our project can make a positive difference, alongside the help of Cleanaway.



### Our School Bins

At Highgate we have many bins we have recycling bins, compost bins, waste bins, ten cent bins and paper bins, we have a mascot for each of our bins. For our recycling bin we have recycling rubber ducky, for our waste bin we have litter ladybug.

[Check out our mascots](#)

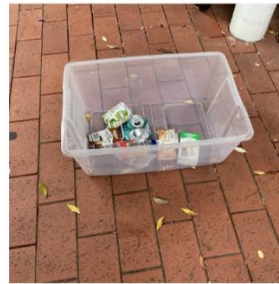
### Highgate's Bins



Our Classroom Waste Bin



Our Outdoor Waste Bin



Our Ten Cents Bin



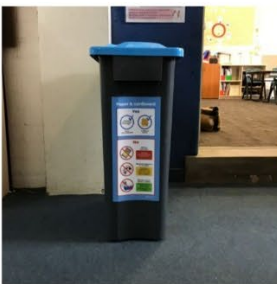
Our Outdoor Paper Bin



Our Outdoor Compost Bin



Our Indoor Compost Bin



Our Indoor Paper Bin



Our Outdoor Recycling Bin



Our Indoor Recycling Bin

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### What Goes In The Red Bin At Highgate:



Our Outdoor Bin

These Are Some Things That Go In Our Outdoor Bin:

- Ice Block Packaging
- Jelly Cups And Slushie Cups when finished and rinsed out
- Chip Packets
- Juicies/Moosie Packets

These Are Some Things That Go In Our Indoor Bin:

- Empty Glue Sticks
- Empty Pens With No Ink
- Glad wrap
- Rubber Bands



Our Indoor Bin

### What Goes In Our Genral-Waste Bin:



Ice Block Packaging



Jumpy's



Clean Soft: Plastic Jelly Cups



Glad Wrap



Clean Hot Chocolate Cups



Empty Glue Sticks



Empty Pens With No Ink



Empty Juice Packets



Empty Moosie Packets



Smiths Chip Packets



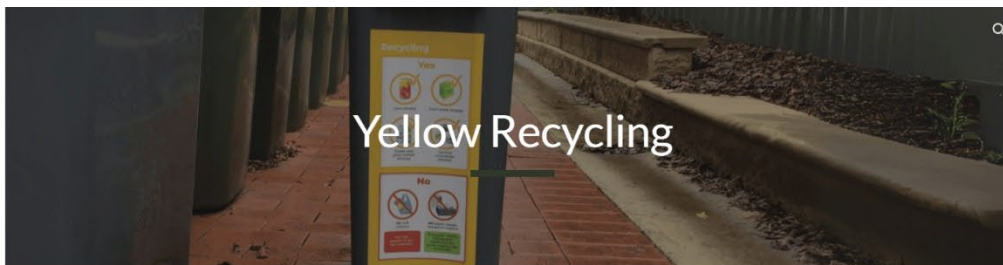
Doritos Packets



Rubber Bands

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## What Goes In The Yellow Bin At Highgate:



Our Indoor Bin

These Are Some Things That Go In Our Indoor Bin:

- Cardboard (boxes & pieces)
- Paper

These Are Some Things That Go In Our Outdoor Bin:

- Slushie Cups
- Tuna and Yogurt Tubs
- Juice boxes
- Plastic Bottles

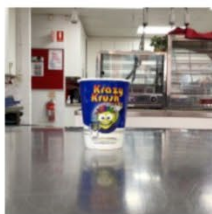


Our Outdoor Bin

What Goes In Our Recycling Bin:



White Paper



Slushie Cups



Cardboard Boxes



Clean Yogurt Tubs



Clean Tuna Tub



Reusable Plastic Bottles



Juice Boxes



Coloured Paper



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## What Goes In The Green Bin At Highgate:



Our Indoor Bin

## These Are Some Things That Go In Our Indoor Bin:

- Food Scraps
- Used Tissues
- Sticky Notes
- Pencil Sharpenings



## These Are Some Things That Go In Our Outdoor Bin:

- Food Scraps
- Canteen Bags With Grease
- Honey Crackle Wrapper
- Eaten Fruit



Our Outdoor Bin



Banana Peel



Apple Core



Food Scraps



Mandarin Skin

## What Goes In Our Compost Bin:



Sticky Notes



Top of Strawberries



Pencil Sharpenings



Orange Skin



Canteen Bags With Grease



Used Tissue



Eaten Pear



Honey Crackle Wrapper

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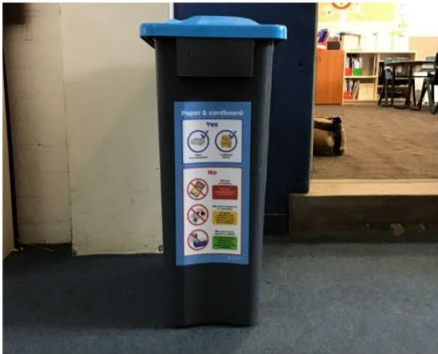
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## What Goes In The Blue Bin At Highgate:



Our Indoor Bin

These Are Some Things That Go In Our Indoor Bin:

- Paper
- Clean Canteen Bags
- Shredded Paper
- Damaged Books

These Are Some Things That Go In Our Outdoor Bin:

- Paper
- Clean Canteen Bags



Our Outdoor Bin

What Goes In Our Paper Bin:



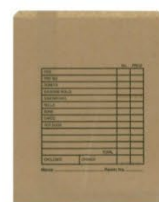
Used Exercise Book



White Paper



Coloured Paper



Clean Canteen Bags (Not Covered In Grease)



Shredded Paper



Damaged Library Book



Toilet Paper Rolls



Cardboard Sheets



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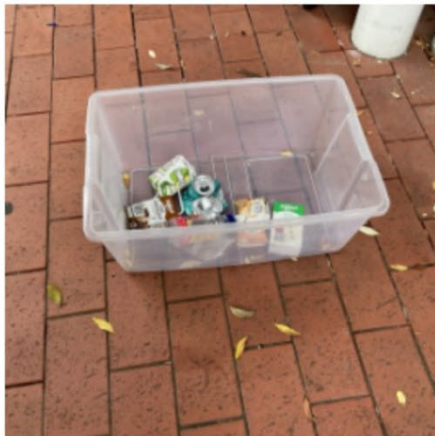
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## What Goes In The Purple Bin At Highgate:



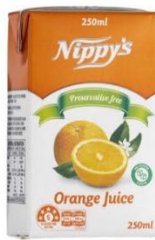
These Are Some Things That Go In Our Outdoor Bin:

- Juice Boxes
- Milk Boxes
- Glee Cans
- Plastic Bottles



Our Outdoor Bin

## What Goes In Our 10 Cents Bin:



Juice Boxes



Milk Boxes



Glee Cans



Plastic Bottles

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# About Us



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### Term 3 Goals

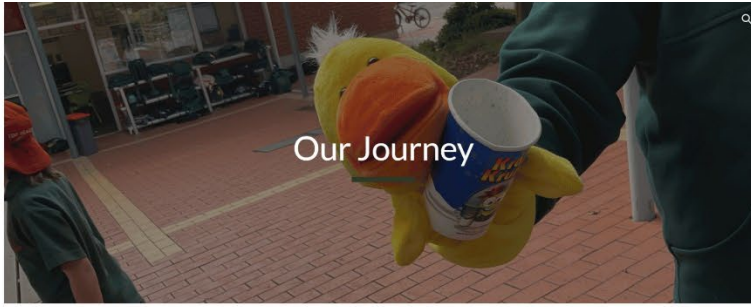
Our goal for term 3 is to clean our school bins and have everyone on track with placing rubbish in the assigned bin. We will continuously search through bins every fortnight, making sure to track the progress and design some eye-catching signs and posters to assist students. By the end of all this, we hope that we will have aided Highgate and its students as well as staff. We hope we will also manage to create a video and record all our progress and the whole process, and present it at assembly, encouraging kids to make an effort and make the right decisions.

### Thank You

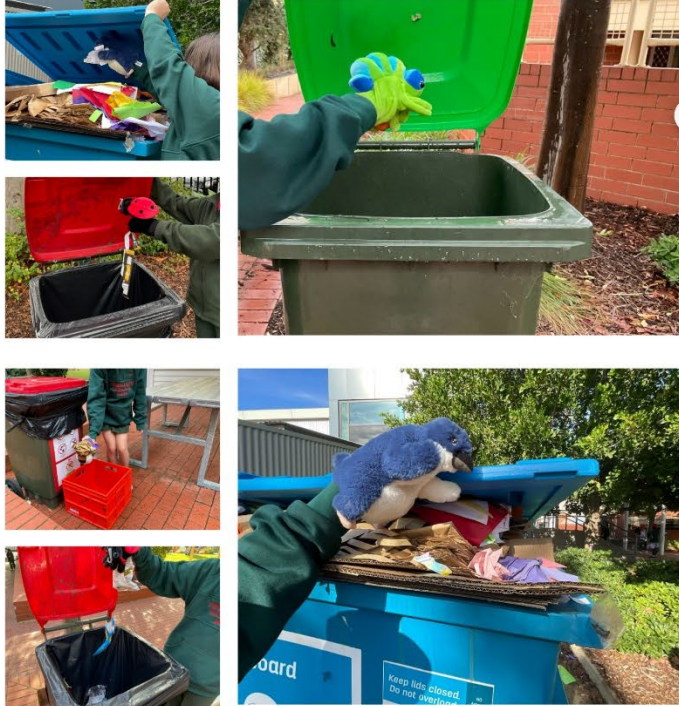
We would like to thank our teacher, Lucy, for supporting us and helping us every day at school. Lucy has helped us in her own time and this wouldn't be possible without her.

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Throughout our journey, many students have volunteered to help us with our project and clean up the school. During this time, we also bumped into George and Jordan, two educators at OSHC, who were refilling the OSHC supplies, and we started talking about how much supplies kids waste and use up. We decided to create some posters for the OSHC bins.

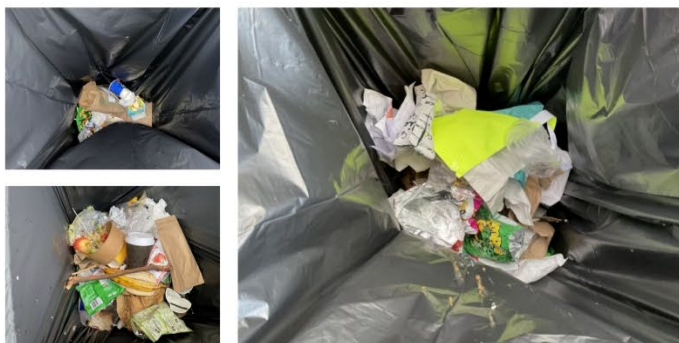


Whilst we were taking photos, we noticed that a lot of rubbish was being placed in the wrong bins. These are some things that were in the wrong bins:

### Our Outdoor Compost Bins:



### Our Outdoor General Waste Bins:



We hope that after our project is finished everyone will know what rubbish goes in what bin, and that this won't happen again.



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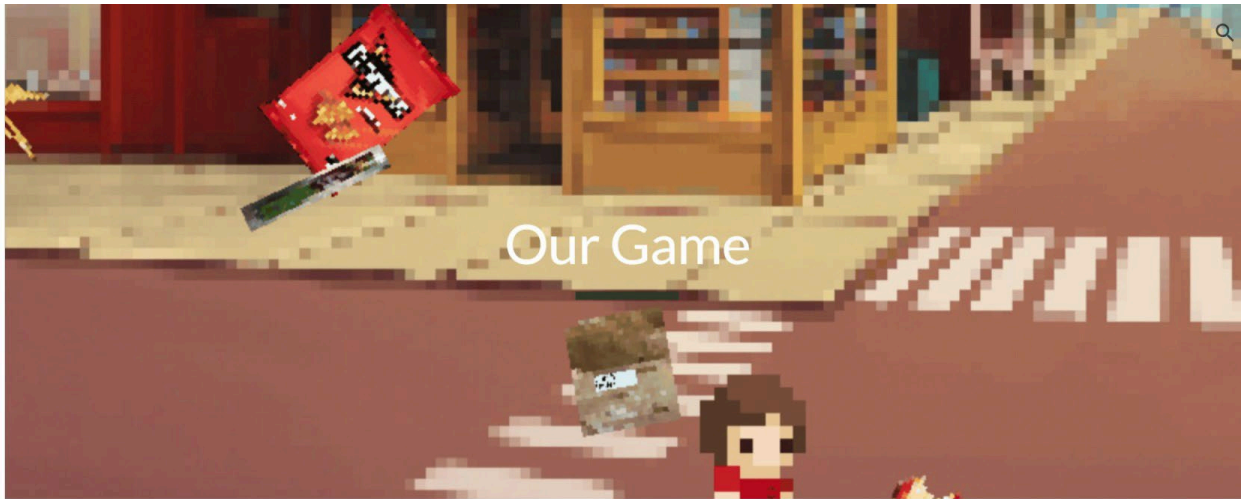
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[Play Our Game](#)

### Why We Made Our Game Highgate Themed

For our game we used the canteen's/school's rubbish, this idea sparked when we continuously spotted rubbish in the wrong bins or on the floor. We thought that if we taught our students to put the school rubbish in the right bins we would have a cleaner school. We used the Highgate uniform for the main character so the students playing our game could imagine that they were picking up the rubbish. This would help our students to be the character from the game and pick up the rubbish from the school floors.

#### Level 1 Rules:



This level requires you to collect all the rubbish falling from the sky to score points. Once you have reached 30 points you will pass onto the next level, if you get lower than 0 points then it's... GAME OVER, Good luck!

#### Level 2 rules:

Level two requires you to drag the rubbish into the right bins, once you have placed the rubbish into the right bin you will gain a point. If you put the rubbish in the wrong bin you lose a heart, if you have already lost all your hearts and you put the rubbish in the wrong bin once again then it's... GAME OVER, Have fun!

[Play Our Game](#)

