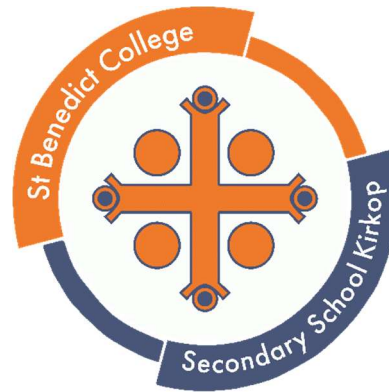


Environmental Audit

St Benedict College Secondary

2022-2024



School Environmental Audit

Year 9 Subcommittee

Focus



Energy, Electricity & Hot water

				Action to be taken	Cost Involved					
Energy	Yes	No	Action Needed	Intermediate	Soon	Later	High	Medium	Low	None
Does the school use renewable energy source (e.g. does it use a solar water heater)	✓		<p>Solar panels are not enough. There is much more space on the roof and Submeter is not easily accessible .</p> <p>To increase efficiency of the solar panels we need to:</p> <ul style="list-style-type: none"> • Monitor the electricity generated by the solar panels. • Check whether and how the panels are serviced and cleaned regularly. • Checked whether we can apply for grants to obtain more panels. (Discuss with head of school in order to send email to Energy and Education minister) 		✓			✓		
Electricity										
Are lights kept turned on in empty rooms?		✓	No action needed							
Are low-energy bulbs used for lightning?	✓		No Action Needed							
Are shades/diffusers/bulbs kept clean to Maximize light?		✓	Talk to Assistant Head in Charge of Minor Staff in order to schedule cleaning and maintenance of ceiling lights in corridors and classrooms.		✓				✓	

Are windows kept clean to admit natural light?		✓	Talk to Assistant Head in Charge of Minor Staff in order to schedule cleaning of Windows. In order to maximise use of natural light we need to monitor for any broken blinds and also make use of social media to encourage teacher to use more natural light in the classroom and switch off ceiling lights.		✓				✓	
Are computer monitors, projectors, televisions, videos and other similar equipment switched off when not in use?	✓		No Action needed							
Are photocopies and other office equipment switched off when not in use?		✓	Talk to secretaries to switch off monitors when not in use.		✓					✓
Does electrical equipment switch on to standby mode when not in use?	✓		No Action needed							
Hot water										
Are there any hot water taps at school?	✓		In Staffrooms the temperature of electrical water heaters is too high. Talk to Maintenance Staff to decrease the temperature.							
Are hot water taps and tanks properly insulated?		✓	Electrical water heater is inside so insulation is not necessary							
Are hot water taps drip free?	✓		No Action Needed							
Is the hot water comfortably hot (not higher than 43°C) ?		✓	No Action Needed							
Heating/Cooling										
Are rooms kept closed while they are heated?	✓		No Action Needed							

Are doors/window used to create draughts instead of switching on fans?	✓		No Action Needed							
Are air-conditioned rooms kept closed?										
Are air-conditioned classrooms kept closed?	✓		No Action Needed							
Are air-conditioned offices kept closed?		✓	In Corridor GA, the corridor usually feels cooler meaning that the doors are not properly insulated. Talk to Secretaries and Assistant Head to insulate the doors and keep them closed.		✓					✓

Healthy living	Yes	No	Action needed	Action to be taken			Cost involved					
				Immediate	Soon	Later	High	Medium	Low	None		
Does the school have a policy for healthy eating?	✓											
If yes, is the policy followed faithfully?	✓		Yes									
Do the pupils' packed lunches contain healthy food?	✓											
Does the school tuck shop sell healthy food stuffs?	✓											
Do pupils understand the need for healthy eating?	✓		Survey - Class based									
Does the school have a 'No Smoking on Premises' policy?	✓											
If yes, does it apply for EVERYONE?	✓											
Does the school have an effective 'Anti-bullying' policy?	✓											
Does the school have an effective 'Buddy' system?		✓	Guidance team is active instead.									
Do teachers actively promote healthy lifestyles during their lessons?		✓	Waste of time.									

School Environmental Audit

Year 10 Subcommittee

Focus



**Litter, Waste Minimisation, The School
& School Environmental Policy**

Environmental Review Checklist

Litter	Yes	No	Action needed	Action to be taken			Cost involved				
				Immediate	Soon	Later	High	Medium	Low	None	
Is there litter in the school grounds?	✓										
Is the litter found at school coming from the school?	✓										
Is the litter found at school coming from outside the school?		✓									
Are there enough litterbins inside the school?	✓										
Are they placed in the right places?	✓		foyers - near each other								
Are there enough litterbins outside the school?	✓										
Are they placed in the right places?	✓										
Does the school have a clear policy about litter?	✓										

It would be a good idea to draw a plan of the school and mark on it the sites where you find litter ... MEPA can provide school site maps. This will help you answer the questions that follow.

Waste minimisation	Yes	No	Action needed	Action to be taken			Cost involved			
				Immediate	Soon	Later	High	Medium	Low	None
Reduce										
Are letters sent to families/households instead of individual pupils?	✓	✓								
Does the school use email messages to contact families (who have the facility)?	✓									
Are copies of documents kept on disk rather than on paper?	✓									
Does the school tuck shop avoid the use of disposable containers?	✓									
Are long life products chosen over short life ones?	✓									
Does the school avoid buying disposable products (e.g. cups, plates)?	✓		Paper bags used rather than plates. Plates are degradable cardboard & cutlery is Bamboo.							
Are materials bought in bulk to avoid excessive packaging?	✓									

Waste minimisation (cont)	Yes	No	Action needed	Action to be taken			Cost involved			
				Immediate	Soon	Later	High	Medium	Low	None
Reuse										
Are used envelopes saved and reused?		✓								
Are handouts printed on both sides?		✓								
Is waste paper used on both sides?	✓		only a small number.							
Some creative displays using reused items.										
Recycle										
Is waste paper saved for recycling?	✓									
Does the school has or uses recycling facilities?	✓									
Does the school practise composting?	✗	✓	check? Not at all.							
Does the school use recycled paper?		✓	1							
Is the toilet paper made from recycled paper?	✓									

The School	Yes	No	Action needed	Action to be taken			Cost involved				
				Immediate	Soon	Later	High	Medium	Low	None	
Are the school grounds free from safety hazards?		✓	Soft flooring in Basketball court needs to be fixed well. Pipes of water in court.	✓	✓			✓			
Do the school grounds provide a rich environment for play?	✓										
Are there games painted on the playground?		✓	chess boards on benches we have an outdoor gym.								
Does the school have quiet, shaded places for people to sit and talk?	✓										
Are there murals and artwork in the school?	✓										
Does the school have a garden?	✓		They are small areas with trees. Football yard can have more trees.			✓		✓			
Does the school have a pond?		✓	Not necessary to have one								
Does the school have trees?	✓		we can always add.								
Does the school have soil patches that are allowed to grow wild?	✓		Imtaghli wall next to hall								
Is there equipment (e.g. nest boxes, bird tables) installed in the school to attract animals?		✓	Bird Cage??								

The School (cont)	Yes	No	Action needed	Action to be taken			Cost involved				
				Immediate	Soon	Later	High	Medium	Low	None	
Are the corridors used to display pupils' work and other school activities?	✓										
Are there places where pupils can sit comfortably indoors (besides classrooms)?	✓										
Is the work done by the pupils adequately displayed in class?		✓	in a room mostly there is charts - yes								
Are plants kept in classrooms and corridors?	✓		Some classes have/corridors								
Does the main school entrance have a welcoming feel?	✓										
Is the EkoStola noticeboard placed in a prominent position?		✓	to embellish more								

School Environmental Policy	Yes	No	Action needed	Action to be taken			Cost involved				
				Immediate	Soon	Later	High	Medium	Low	None	
Does the school have an environmental policy?	✓										
Does the school have an environmental education educator?	✓										
Does the environment feature regularly in the school's calendar of activities?		✓	last year: activities online.								
Does the environment feature regularly in the teaching/learning activities?	✓		not really. Encourage teachers to tackle topics about the envt.		✓						✓
Are environmental topics used for projects and theme teaching?		✓	in a secondary school, it's difficult with all these subjects.								
Are pupils involved in the care of the school's environment?		✓	Teach students how to separate waste.								
Has the school joined an environmental organisation?		✓	Nature Trust MALTA.	✓							
Does it encourage 'green' practices at home?		✓	using Facebook & Form assemblies.		✓						

Environmental Review Checklist

Litter	Yes	No	Action needed	Action to be taken			Cost involved				
				Immediate	Soon	Later	High	Medium	Low	None	
Is there litter in the school grounds?	✓										
Is the litter found at school coming from the school?	✓										
Is the litter found at school coming from outside the school?		✓									
Are there enough litterbins inside the school?	✓										
Are they placed in the right places?	✓		foyers - near each other								
Are there enough litterbins outside the school?	✓										
Are they placed in the right places?	✓										
Does the school have a clear policy about litter?	✓										

It would be a good idea to draw a plan of the school and mark on it the sites where you find litter ... MEPA can provide school site maps. This will help you answer the questions that follow.

Waste minimisation	Yes	No	Action needed	Action to be taken			Cost involved			
				Immediate	Soon	Later	High	Medium	Low	None
Reduce										
Are letters sent to families/households instead of individual pupils?	✓	✓								
Does the school use email messages to contact families (who have the facility)?	✓									
Are copies of documents kept on disk rather than on paper?	✓									
Does the school tuck shop avoid the use of disposable containers?	✓									
Are long life products chosen over short life ones?	✓									
Does the school avoid buying disposable products (e.g. cups, plates)?	✓		Paper bags used rather than plates. Plates are degradable cardboard & cutlery is Bamboo.							
Are materials bought in bulk to avoid excessive packaging?	✓									

Waste minimisation (cont)	Yes	No	Action needed	Action to be taken			Cost involved			
				Immediate	Soon	Later	High	Medium	Low	None
Reuse										
Are used envelopes saved and reused?		✓								
Are handouts printed on both sides?		✓								
Is waste paper used on both sides?	✓		only a small number.							
Some creative displays using reused items.										
Recycle										
Is waste paper saved for recycling?	✓									
Does the school has or uses recycling facilities?	✓									
Does the school practise composting?	✗	✓	check? Not at all.							
Does the school use recycled paper?		✓	1							
Is the toilet paper made from recycled paper?	✓									

School Environmental Audit

Year 11 Subcommittee

Focus



Transportation & Water

* P.T.O.

Transport	Yes	No	Action needed	Action to be taken			Cost involved					
				Immediate	Soon	Later	High	Medium	Low	None		
Do staff and pupils mostly to come to school by public/school transport?			Staff mostly by car Students mostly by school transp.									
Do most private cars bring two or more people to school?												
Do most cars, coming to school, run on diesel?												
Is there anyone who cycles to school?	✓											
Does the school have proper facilities for the storage of cycles?	✓											
Does the school promote walking and cycling as a way to come to school?	✓											
Is there a network of safe routes to the school?		✓	bike lanes are limited.									
Are pupils made aware of these networks?		✓										
Does the school provide information to families about school transport facilities?	✓											

year 10 Ekoskola students to question cyclists re probs.
 Online meeting with councillors (done via email by Y&E students)
 Letter to related ministries.
 ↓ Ultimately given to Guardians for Future generation personnel

Suggestions: barrier between bike lane and road.
 Close certain secondary roads to traffic
 eg. in Blue Grotto Avenue.

Most of the answers can be obtained through surveys. A map of the locality (obtained from MEPA) might come in useful to resolve certain issues.



barrier bt bike lane + road.

Action Plan

Water	Yes	No	Action needed	Action to be taken			Cost involved					
				Immediate	Soon	Later	High	Medium	Low	None		
→ Is the water pressure too high leading to an excessive waste of water?	✓		Some of them s.a. in FB.									
→ Are press-taps fitted?	✓		Some of them don't return to the original position so water is wasted									
→ Are there any dripping taps?	✓											
Are dripping taps repaired quickly?		✓										
Does the urinal flush work cease at night? ?		✓										
✗ Are WCs fitted with low-flow flushes?		✓	no flushes ↴ (water comes in pipe directly from tank)									
If not, have water hippos (bags to reduce the volume of water flushed) been installed in the flushes?												
Is rainwater collected?	✓											
If yes, is the collected rainwater used?	✓		for irrigation.									

Water consumption can be measured by reading the water meter. How does water use vary during the day? ... during the year? Records can be compared and plotted on graphs