



**Kingshill Infant School**

# **Sustainability Action Plan**

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# 1) Decarbonisation

The following actions will help you to understand Kingshill's baseline climate performance and help to highlight areas that can be worked on.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  <i>(optional)</i>	Tools, resources and information  <i>(optional)</i>	Funding opportunities  <i>(optional)</i>
Understand Kingshill's carbon footprint by identifying where your	Use an online tool such as <a href="#">Keep Britain Tidy's</a> to get a breakdown of carbon emissions.	1 month	Staff: Education staff, operational staff, senior leadership team	None	<a href="#">Count Your Carbon - Eco Schools (eco-schools.org.uk)</a>  <a href="#">Energy-walkabout-guide Guide.pdf (southwarkclimate</a>	<a href="#">Get involved   Climate Ambassadors</a>

emissions come from.			Cost: Free if using resources provided		<a href="http://collective.co.uk">collective.co.uk</a> )	
Understand Kingshill's waste by conducting a bin audit.	Conduct bin audit.  Review findings and propose recommendations to reduce or recycle waste.	1 month	Staff: Education staff, operational staff, senior leadership team  Cost: Free if using above tools	None	<a href="#">How to do a plastic waste bin audit - Plastic Free July</a>  <a href="#">Climate Friendly Audit - Climate Friendly Schools</a>	Free
Understand Kingshill's energy efficiency by conducting a review of energy use.	Review the Recommendation Report from your Display Energy Certificate [DEC] to understand the	1 month	Staff: Education staff, operational staff, senior leadership team  Cost: Free - done in house	None	<a href="#">Energy efficiency: guidance for the school and further education college estate - GOV.UK (www.gov.uk)</a>	Free

	schools' energy efficiency.					
Understand your pollution risk by identifying sources of air pollution and locations in the school that are impacted. Or conducting an air quality audit	Review pollution levels of schools  Conduct air quality survey	1 month	Staff: Education staff, operational staff, senior leadership team  Cost: Free-several projects offer opportunities  ~£2.5k to install air quality sensor at school	Air quality	<a href="#">London Air Quality Network.</a>  <a href="#">Mayor's school air quality audit programme</a>  <a href="#">Breathe London</a>	

by using the <a href="#">GLA toolkit</a> .						
Understand your curriculum by reviewing for climate change content.	Review curriculum to understand where climate change/ careers features/ could feature.	1 month	Staff: Education staff, operational staff, senior leadership team  Cost: Free-several projects offer opportunities	Air quality	<a href="#">Our City, our world Conceptual milestones And key vocabulary (ourcityourworld.co.uk)</a>  <a href="#">Tracked changes project</a>	Free

# 1. Action plan goal: decarbonisation

The following actions could help you reduce carbon emissions that are caused by Kingshill.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  (optional)	Tools, resources and information  (optional)	Funding opportunities  (optional)
<p>Planning: Create a decarbonisation plan for the school that includes its heating systems.</p>	<p>Use helpful guides to develop a plan that detail the steps needed to remove gas boilers and improve energy</p>	<p>6 months</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Free (if using resource shared in <i>Tools</i>,</p>	<p>None</p>	<p><a href="#">Climate Action Decarbonisation Plan Guide.</a></p>	<p><a href="#">Public Sector Low Carbon Skills Fund - GOV.UK (www.gov.uk)</a></p>

	<p>efficiency in buildings.</p> <p>Speak to experts who support schools.</p> <p>Carry out actions set out within the plan.</p>		<i>resources and information)</i>			<a href="#">Public Sector Low Carbon Skills Fund</a> <a href="#">- GOV.UK</a> <a href="#">(www.gov.uk)</a>
<p>Planning: assess buildings for draughts and leaks to reduce heating demand.</p>	<p>Assess building for areas of heat loss.</p> <p>Make small changes to help prevent heat</p>	1 month	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Free</p>	None	<a href="#">Energy Saving Trust</a>	Free

	<p>loss e.g. draft excluders.</p> <p>Use energy saving trust for more tips.</p>					
<p>Planning: assess how well you are using your existing heat system/s.</p>	<p>Check that your building/s management and heating systems are running efficiently and correctly.</p> <p>Explore options for training if needed.</p>	<p>1 month</p>	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Free/£</p>	<p>None</p>	<p><a href="#">Zero Carbon Action Builder – Retrofit Action for Tomorrow</a></p>	

<p>Reduce carbon emissions in our buildings by installing reflector panels behind radiators.</p>	<p>Locate external wall radiators.  Install reflector panels behind.</p>	<p>1 month</p>	<p>Staff: Operational staff, senior leadership team  Cost: Low</p>	<p>None</p>	<p><a href="#">A guide to energy efficiency in the workplace - Energy Saving Trust</a></p>	
<p>Reduce carbon emissions in our buildings by installing motion sensors so lights switch off automaticall</p>	<p>Research most appropriate motion sensors for areas of Kingshill (classrooms/ corridors).</p>	<p>2 months</p>	<p>Staff: Education staff, operational staff, senior leadership team  Cost: Low</p>	<p>None</p>		

y when not in use.	<p>Hire contractors to install the motion sensors.</p> <p>Set lag times for sensors - 15 minutes for classrooms, 5 minutes or less for corridors or toilets.</p> <p>Train staff to use and maintain the sensors.</p>					
Reduce carbon emissions in our buildings by changing	1. Undertake audit of the current situation and develop options to	3 months	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Low</p>	None		

<p>the light bulbs to LED bulbs in each school building.</p>	<p>replace lightbulbs.</p> <p>2. Purchase LED lights and replace existing lightbulbs.</p> <p>3. Train staff to use the new lights and replace when necessary.</p>					
<p>Reduce carbon emissions in our buildings by teaching</p>	<p>Plan a lesson outdoors.</p> <p>Make the most of your outdoor environments</p>	<p>1 day</p>	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Free</p>	<p>Climate Education and Green Careers</p>	<p><a href="#">Teach Outdoors, Education through outdoor learning</a></p> <p><a href="#">A Teachers Guide to Adapting Lesson Plans for Outdoor</a></p>	<p>Free</p>

lessons outside.	and bring students outside for lessons.				<a href="http://dbdplay.com">Learning (dbdplay.com)</a>  <a href="http://outdoor-learning.org">Institute for Outdoor Learning - Home (outdoor-learning.org)</a>  <a href="#">Welsh Harp Environmental Education Centre</a>  <a href="#">Schools &amp; Training – Project Rewild</a>	
Change behaviours in our communities by running a	Encourage students and staff to turn off	1 month	Staff: Education staff, operational staff, senior leadership team	Climate Education and Green Careers	<a href="#">Switch Off Fortnight 2024 - Teacher Guidance - Twinkl</a>	Free

<p>'Switch-off' campaign.</p>	<p>lights and monitors.</p> <p>Provide information to parents/carers in your newsletters.</p>		<p>Cost: Free</p>			
<p>Retrofit our buildings to produce/ reduce energy consumption by installing solar panels on the roof to increase your use of</p>	<p>Use solar panel calculator to assess need.</p> <p>Undertake feasibility assessment to see if the building is suitable.</p>	<p>Over 1 year</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: High- although several projects offer opportunities</p>	<p>None</p>	<p><a href="#">Solar panel calculator - Energy Saving Trust</a></p> <p><a href="#">Solar panel calculator - Energy Saving Trust</a></p> <p><a href="#">Community Energy London Solar Potential Map</a></p>	<p><a href="#">Public Sector Decarbonisation Scheme - GOV.UK (www.gov.uk)</a></p>

renewable energy and reduce energy bills.	Contact a local community energy group for advice.					
Retrofit our buildings to produce/ reduce energy consumption by installing air source heat pump.	Remove gas boilers and replace with heat pumps.	Over 1 year	Staff: Education staff, operational staff, senior leadership team  Cost: High- although several projects offer opportunities	None		<a href="#">Phase 4 Public Sector Decarbonisation Scheme   Salix Finance</a>

## 2. Action plan goal: biodiversity

These actions will help you improve habitat and biodiversity around Kingshill.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans) <i>(optional)</i>	Tools, resources and information <i>(optional)</i>	Funding opportunities <i>(optional)</i>
Increase our school's knowledge of biodiversity by joining an online	Sign up to Education Nature Park for more resources.	1 day	Staff: educational staff/ senior leadership team  Cost: Free	None	<a href="#">Education Nature Park.</a>	Free

biodiversity network.						
Increase our school's knowledge of biodiversity by starting a gardening club.	<p>Locate an area to garden.</p> <p>Advertise amongst pupils.</p> <p>Grow plants and get students involved in maintenance/ harvest.</p>	1 month	<p>Staff: Educational staff/ senior leadership team</p> <p>Cost: Free / low</p>	Climate Education and Green Career	<a href="#">Simple gardening club ideas / RHS Campaign for School Gardening</a>	<a href="#">Cleaner Greener Safer - Southwark Council</a>
Increase biodiversity on school	Select an area of school ground	1 month (extra time over summer needed for watering and	ff: Education staff, operational	Resilience and adaptation	<a href="#">Trees for Schools   Trees for Cities</a>	<a href="#">Southwark School Trees Planting   Street Trees for London</a>

<p>property by tree planting.</p>	<p>suitable for tree planting.</p> <p>Research and select suitable trees for the area.</p> <p>Plant more trees on school grounds.</p> <p>Educate staff and students on their maintenance.</p>	<p>mulching new plants)</p>	<p>staff, senior leadership team,</p> <p>Cost Low</p>			<p><a href="http://streettreesforliving.org">streettreesforliving.org</a>)</p> <p>Southwark's tree planting programme. Please contact <a href="mailto:trees.envl@southwark.gov.uk">trees.envl@southwark.gov.uk</a></p>
<p>Increase biodiversity on school property by</p>	<p>Select an area of school ground</p>	<p>1 month - 1 year (depending on complexity of project)</p>	<p>Staff: Education staff, operational staff, senior</p>	<p>None</p>	<p><a href="#">Operation Future Hope</a></p> <p><a href="#">Seven simple ways to create a wildlife-friendly</a></p>	<p><a href="#">Southwark biodiversity fund - Southwark Council</a></p>

<p>rewilding areas of school's grounds.</p>	<p>suitable for rewilding.</p> <p>Decide what type of rewilding (wildflower field, pond, insect hotels etc.).</p> <p>Buy native plants, stop using chemicals/ pesticides.</p> <p>Let the area grow.</p> <p>Educate staff and students</p>		<p>leadership team, students</p> <p>Cost: Varied depending on complexity of project</p>		<p><a href="#">garden   Natural History Museum (nhm.ac.uk)</a></p> <p><a href="#">How to make your garden wilder   Rewilding Britain</a></p>	
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	on their maintenance.					
Increase biodiversity on school property by growing food at Kingshill.	<p>Locate an area to grow food.</p> <p>Advertise amongst pupils.</p> <p>Grow food and get students/staff / parents involved in maintenance/ harvest.</p> <p>Distribute food or use in the canteen of for</p>	1 - 12 months	<p>Staff: Educational staff/ senior leadership team</p> <p>Cost: Low / dependant on size of garden</p>	Climate Education and Green Careers	<p><a href="#">Food Growing and Gardening   edible rotherhithe</a></p> <p><a href="#">Who we are   Food Growing Schools London</a></p>	<p><a href="#">Cleaner Greener Safer - Southwark Council</a></p>

	cooking lessons.					
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### 3. Action plan goal: climate education and green careers

The following actions will help you build capability on climate change and its impacts within Kingshill.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans) <i>(optional)</i>	Tools, resources and information <i>(optional)</i>	Funding opportunities <i>(optional)</i>
Share with staff and pupils what climate change	Assemblies, newsletters. Get students involved e.g. with planting	1 day	Staff: Education staff, senior leadership team Cost: Free	Relevant to all action plan goals		Free

<p>action we are taking by promoting successes and achievements.</p>	<p>or maintaining.</p>					
<p>Increase our school's knowledge of climate change initiatives by joining a climate network.</p>	<p>Research networks and decide which is the best for Kingshill to keep up to date with latest information and opportunities.  Sign up to the network.</p>	<p>1 day, then ongoing</p>	<p>Staff: Education staff, senior leadership team  Cost: Free</p>	<p>None</p>	<p>Southwark Climate Action Schools. For more information please contact <a href="mailto:ClimateEmergency@southwark.gov.uk">ClimateEmergency@southwark.gov.uk</a>  <a href="http://eco-schools.org.uk">Home - Eco Schools (eco-schools.org.uk)</a></p>	<p>Free</p>

	Start engaging with network, attend meetings, read newsletters etc.				<a href="#">UK Climate Change • Let's Go Zero</a> ( <a href="https://letsgozero.org">letsgozero.org</a> )	
Increase schools' knowledge of climate change by running a student led climate project.	Empower students to come up with their own climate change initiative STEM project.  Work with students to develop project	3 months - 1 year	Staff:  Educational staff/ senior leadership team  Cost: Free/ low/ grants available	None	<a href="#">Case studies   Royal Society</a>	<a href="#">Partnership Grants   Royal Society</a>

	<p>proposals and plans using available resources.</p> <p>Conduct project.</p> <p>Recognise and celebrate students' achievements.</p>					
<p>Embed sustainability and climate education in the wider curriculum by incorporating it in more lessons.</p>	<p>Get lead staff on board early.</p> <p>Use resources with information on how to embed.</p> <p>Embed</p>	<p>1 month</p>	<p>Staff: Educational staff/ senior leadership team</p> <p>Cost: Free</p>	<p>None</p>	<p><a href="#">Teaching for Sustainable Futures</a></p> <p><a href="#">Brighton and Hove's Our City Our World tool</a></p> <p><a href="#">Teach the Future website</a></p>	<p>Free</p>

	<p>climate change in other lessons.</p> <p>Review impact.</p>					
<p>Embed sustainability and climate education in the wider curriculum by inviting external speakers to come into school.</p>	<p>Arrange for external speakers to come into school to run workshops/ talks.</p>	<p>1 week</p>	<p>Staff: Education staff, senior leadership team</p> <p>Cost: Free- several projects offer opportunities</p>	<p>None</p>	<p><a href="#">Eco Active's Green Influencers Scheme</a></p> <p><a href="#">Energy Garden</a></p> <p><a href="#">Climate Ed</a></p> <p><a href="#">Education Business Alliance - Education Business Alliance (southwarkeba.org.uk)</a></p>	<p>Free</p>

Embed sustainability and climate education in the wider curriculum by teaching climate change beyond limitations of a classroom.	Use resources to find ways to learn outside the classroom.	1 day	Staff: Educational staff/ senior leadership team  Cost: Free	Decarbonisation	<a href="#">Welsh Harp Environmental Education Centre</a>	Free
Embed sustainability and climate education in the wider curriculum by holding a climate anxiety	Develop a session on climate anxiety (or commission an external expert) to help pupils manage	1 week	Staff: Education staff, senior leadership team  Cost: Free- low (depending on whether sessions held internally or with	None	<a href="#">Climate Educational Empowerment Programme – Climate Psychologists</a>	

workshop.	<p>climate anxiety and stress.</p> <p>Deliver assemblies/lessons on climate education.</p>		external provider)			
Promote Green Careers by enrolling students in virtual green work experience.	<p>Select students to enrol onto programme (overview of net zero career areas, and opportunities).</p> <p>Enrol students using link.</p>	7 hours	<p>Staff: Education staff, senior leadership team, pupils 16+</p> <p>Cost: Free</p>	None	<p><a href="#">Training   LSBU Green Skills Hub</a></p>	Free

## 4. Action plan goal: resilience and adaptation

Complete these actions to you understand the impacts of climate change on Kingshill and what you might do to improve the school’s resilience to weather impacts like flooding and overheating through adaptation measures.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  <i>(optional)</i>	Tools, resources and information  <i>(optional)</i>	Funding opportunities  <i>(optional)</i>
Planning: Assess Kingshill’s risk and vulnerability	Use tools to assess your climate risk.  Vulnerability analysis to	2 months	Staff: Education staff, operational staff, senior leadership team	Baseline	<a href="#">Climate Risk Mapping - London Datastore</a>  This provides a map of your heat and flood vulnerability	

<p>to climate change.</p>	<p>identify the most at-risk areas of the school, such as aging infrastructure or vulnerable student populations.</p>		<p>Cost: Dependant on actions chosen</p>		<p><a href="http://lcat.uk">Local Climate Adaptation Tool (lcat.uk)</a></p> <p>This provides information on health and community impacts of weather hazards in your local area</p> <p><a href="#">Adaptation Scotland</a></p> <p>Resources including workplace resilience to extreme weather in schools and lesson plans to engage students</p> <p><a href="#">Climate Just maps</a></p>	
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					<p>Understand how health, social and economic inequality and other vulnerabilities impact your local risk.</p> <p><a href="#">Local Authority Climate Service</a></p> <p>Understand weather impacts for Kingshill and how Southwark is specifically at risk</p>	
<p>Planning: create a climate adaptation plan.</p>	<p>Engage stakeholders to tailor CAPs based on specific school needs and</p>	<p>6 months- 1 year</p>	<p>Staff: Education staff, operational staff, senior leadership team</p>	<p>None</p>	<p><a href="#">WWF resources for planning</a></p> <p><a href="#">Guidance from Lambeth</a></p> <p><a href="#">Adaptation Scotland :: The</a></p>	

	<p>local climate risks.</p> <p>Assess measures based on your climate risk profile, your available resources, and co-benefits.</p> <p>Begin with 'quick win' measures that require minimal investment and show immediate benefits to build momentum.</p>		<p>Cost: Dependant on actions chosen</p>		<p><u>Framework</u> - this guide from Scotland provides a framework for organisations including schools to develop their plans</p>	
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	<p>Include measures to build adaptive capacity, for instance thinking about how you can showcase the benefits of a measure as an educational opportunity to teachers, pupils, and parents.</p>					
<p>Planning: Develop emergency response plans to</p>	<p>Establish protocols for rapid recovery after climate events.</p>	<p>1 - 3 months</p>	<p>Staff: Education staff, operational staff, senior leadership team</p>	<p>None</p>	<p><a href="#"><u>Emergency planning and response for education, childcare, and children's social</u></a></p>	<p>Free</p>

<p>build resilience in the school.</p>	<p>Ensure you are proactively planning to mitigate risk for vulnerable staff and students, including those with preexisting health vulnerabilities and social vulnerabilities.</p>		<p>Cost: Free/ Low</p>		<p><a href="http://www.gov.uk">care settings - GOV.UK (www.gov.uk)</a></p> <p><a href="http://metoffice.gov.uk">Local Authority Climate Service (metoffice.gov.uk)</a> Provides helpful information on what hazards might make you at risk.</p> <p><a href="http://lcat.uk">Local Climate Adaptation Tool (lcat.uk)</a> Provides helpful information on community and health impacts to plan for.</p>	
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					<p><a href="#">Take action - Adaptation Scotland</a></p> <p><a href="#">Climate adaptation toolkit and risk generator (localpartnerships.gov.uk)</a></p> <p>Use the risk generator to understand what risks impact education. The toolkit may have helpful activities but is geared to local authorities so goes beyond the level of depth needed here.</p>	
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<p>Planning: adjust school hours for periods of extreme weather.</p>	<p>Have a policy in place for adjusting hours during periods of extreme weather.</p>	<p>Daily</p>	<p>Staff: Education staff, senior leadership team</p> <p>Cost: Free</p>	<p>None</p>	<p><a href="#">Hot weather and heatwaves: guidance for schools and other education settings - The Education Hub (blog.gov.uk)</a></p>	<p>Free</p>
<p>Planning: monitor heat in classrooms.</p>	<p>Install classroom heat sensors.</p> <p>Train staff to be able to use them and identify when dangerous heat levels are reached.</p>	<p>1 week</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Low</p>	<p>None</p>	<p><a href="#">Appoint pupil energy monitors in all classes   Energy Sparks</a></p>	

	React to levels with appropriate policy and procedure.					
Planning: Create policy to relax dress code in periods of hot weather.	Encourage pupils to wear loose, light-colored clothing.  Sunhats.  Sunscreen.  Teachers should also encourage children to take off their	1 day	Staff: Education staff, senior leadership team  Cost: Free	Climate Education and Green Careers	<a href="#">Hot weather and heatwaves: guidance for schools and other education settings - The Education Hub (blog.gov.uk)</a>	Free

	blazers and jumpers.					
Increase our school's knowledge of resilience and adaptation by raising awareness and educating.	<p>Integrate climate education into the curriculum.</p> <p>Involve students and staff in resilience-building activities.</p>	1 month	<p>Staff: Education staff, senior leadership team</p> <p>Cost: Free</p>	Climate Education and Green Careers	<p><a href="#">Climate Ready Places: Lesson Plans - Adaptation Scotland</a></p> <p>These resources allow students to think about their place and different environments and how a changing climate might impact this.</p>	Free
Increase our school's knowledge	Run a campaign within Kingshill.	1 month	Staff: Education staff, senior	Biodiversity	<p><a href="#">The Pod   Water Week</a> (<a href="http://jointhepod.org">jointhepod.org</a>)</p>	Free

of resilience and adaptation by promoting water conservation practices.	This could include posters or newsletters about conserving and not wasting water.		leadership team Cost: Free	Climate Education and Green Careers	<a href="#">Conserving water / RHS Campaign for School Gardening</a>	
Prepare our schools for the physical impacts of climate change by installing Sustainable Drainage Systems to reduce flood risk (SuDS).	Explore options based on flood risks on Kingshill grounds.  Choose an option for type of SuDs.  Options :	1 month (depending on chosen option)	Staff: Education staff, operational staff, senior leadership team  Cost:  A. Linear: £60-120/m2 - Non-linear £30-60/m2	Biodiversity  Climate Education and Green Careers	<a href="#">SuDS for schools   WWT</a>  <a href="#">Arup Compendium</a>  <a href="#">Helpful guide to help you understand options for action and prioritise adaptation measures</a>  <a href="#">Plans for Schools</a>	<a href="#">Sustainable Drainage Systems (SuDS) in Schools 2025/2026 - GOV-UK Find a grant (find-government-grants.service.gov.uk)</a>

	<p>A. Rain gardens (linear and non-linear)</p> <p>B. Swales</p> <p>C. Filter drain</p> <p>D. Detention basin</p> <p>E. Pond</p> <p>F. Permeable surfaces (grass and woodchip)</p> <p>G. Wetland</p> <p>H. SuDS rain planters</p> <p>Install the chosen system.</p>		<p>B. £1,100/m<sup>2</sup> - £2,100/m<sup>2</sup></p> <p>C. £4,000-£7,800/m<sup>2</sup></p> <p>D. £1,100/m<sup>2</sup> - £2,100/m<sup>2</sup></p> <p>E. £2,700 - £6,000</p> <p>F. £36/m<sup>2</sup> - £68/m<sup>2</sup> (grass)</p> <p>G. £70/m<sup>2</sup> - £140/m<sup>2</sup> (woodchip)</p> <p>H. £1,600 - £3,100</p> <p>I. £2,000 - £4,500</p>		<p><a href="#">Overview Report, GLA</a></p> <p>Overview of learnings from the GLA's Climate Resilient Schools programme</p>	
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	Train staff on how to use and maintain.					
Prepare our schools for the physical impacts of climate change by installing hard floor resilience measures to reduce flood risk.	<p>Explore options based on flood risks on Kingshill grounds</p> <p>Choose an option for type of hard floor options:</p> <p>A. below ground</p> <p>B. attenuation tank</p> <p>C. flood door barrier</p>	1 month (depending on chosen option)	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Dependent on building size:</p> <p>A. ~£6000 - £13,500</p> <p>B. ~£400-£900</p> <p>C. ~£1800-£2500</p> <p>Note: where possible nature-based solutions like</p>	N/a	<p><a href="#">Arup Compendium</a></p> <p><a href="#">Helpful guide to help you understand options for action and prioritise adaptation measures</a></p>	

	Waterproof canopy.		SuDS measures above are preferred.			
Prepare our schools for the physical impacts of overheating from climate change by installing ventilation and cooling.	<p>Explore options based on flood risks on Kingshill grounds</p> <p>Choose an option for type of ventilation and cooling</p> <p>Options:</p> <ul style="list-style-type: none"> <li>● Natural ventilation</li> <li>● Cool roofs</li> <li>● shading through</li> </ul>	1-4 months (depending on chosen option)	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Varied depending on chosen scheme</p>	Air quality	<p><a href="#">Ventilation-in-Schools-Interactive-Guide-Jaga.pdf</a></p> <p><a href="#">Arup Compendium</a></p> <p><a href="#">Helpful guide to help you understand options for action and prioritise adaptation measures</a></p>	

	<p>tree planting</p> <ul style="list-style-type: none"> <li>● insulation</li> </ul> <p>Train staff on how to use and maintain.</p>					
<p>Prepare our schools for the physical impacts of overheating from climate change by installing sail shading.</p>	<p>Locate suitable positioning for solar shading.</p> <p>Purchase sail shading.</p> <p>Install grounds shade: sail</p> <p>Train staff how to use and maintain.</p>	1 month	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: ££</p>	None	<p><a href="#">8 Ways a Shade Sail Can Benefit Kingshill - Able Canopies</a></p> <p><a href="#">Arup Compendium</a></p> <p><a href="#">Helpful guide to help you understand options for action and prioritise adaptation measures</a></p>	<p><a href="https://www.ablecanopies.co.uk/funding-for-schools/">https://www.ablecanopies.co.uk/funding-for-schools/</a></p>

	Encourage pupils to use during periods of hot weather.					
Prepare our schools for the physical impacts of climate change by installing water efficient fixtures.	<p>Conduct a review/ audit of water fixtures.</p> <p>Identify possible areas of efficiency.</p> <p>Measures:</p> <ul style="list-style-type: none"> <li>● low-flow taps</li> <li>● dual flush toilets</li> </ul>	6 months	<p>Staff: Operational staff, senior leadership team</p> <p>Cost: Low</p>	None	<p><a href="#">School-Water-Audit-Water-Night-UK.pdf</a> (<a href="http://waterwise.org.uk">waterwise.org.uk</a>)</p> <p><a href="#">Water Efficiency For Schools And Unis   Castle Water</a></p> <p><a href="#">Arup Compendium</a></p> <p><a href="#">Helpful guide to help you</a></p>	

	<ul style="list-style-type: none"> <li>rainwater harvesting</li> </ul> <p>Install fixtures.</p> <p>Train staff how to use and maintain.</p>				<a href="#">understand options for action and prioritise adaptation measures</a>	
<p>Prepare our schools for the physical impacts of climate change by installing rainwater harvesting systems.</p>	<p>Conduct a review/ audit of potential rainwater harvesting locations.</p> <p>Install fixtures.</p> <p>Train staff how to use and maintain.</p>	1 month	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: varied, depending on system used</p>	Waste consumption and recycling	<a href="#">Rainwater Harvesting regulations in the UK - What you need to know before installation</a> <a href="#">- Rainwater Harvesting</a>	

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## 5. Action plan goal: active and sustainable travel

Complete these actions to you understand the impacts of climate change on Kingshill and what you might do to improve the school’s resilience to weather impacts like flooding and overheating through adaptation measures.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  <i>(optional)</i>	Tools, resources and information  <i>(optional)</i>	Funding opportunities  <i>(optional)</i>
Increase our school’s knowledge of active and sustainable travel by signing up	Sign up to travel for life.  Choose travel initiatives and work on them through the year.  Work towards	1 day- ongoing throughout the year	Staff: Education staff  Cost: Free	Air quality  Climate Education and Green Careers	<a href="#">Travel for life</a>	Free

to TfL's travel for life.	bronze, silver, gold accreditation.  Celebrate award.					
Reduce car trips by using public transport.	Use public transport for school trips instead of hiring coaches/buses	1 day- ongoing throughout the year	Staff: Education staff, senior leadership team  Cost: Free/ Often cheaper than coach/ car hire	Air quality	<a href="#">Travel for schools - Transport for London (tfl.gov.uk)</a>	
Encourage active travel by providing cycle skills for students.	Organise external cycle skills lessons for students to improve their	1 week	Staff: Education staff, senior leadership team	Air quality	<a href="#">Cycle Training for Everyone - Deliver Safer Training   Bikeability</a>  <a href="#">Free cycling</a>	<a href="#">Funding and Delivery - About Us   Bikeability</a>

	<p>skills and safety on their bikes</p> <p>Extend to parents and carers.</p> <p>Extend to teaching staff.</p>		Cost: Free		<a href="#">lessons - Southwark Council</a>	
Encourage active travel by providing bike/ scooter storage.	<p>Locate suitable and secure space within school grounds.</p> <p>Install cycle storage/ scooter storage for pupils to use to lock their bikes.</p>	2 months	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: £5k-£10k</p>	Air quality		<p><a href="#">Walking and Cycling Grants London - Groundwork</a></p> <p><a href="#">Funding for Cycle Shelters   Canopies   UK Canopy Experts   (ablecanopies.co.uk)</a></p>

Encourage active travel by providing cycle to work scheme for school staff.	Enrol Kingshill in the cycle to work scheme.  Promote amongst staff.	1 day	Staff: Education staff, senior leadership team  Cost: Free to sign up	Air quality	<a href="#">Cycle2Work</a>	
Encourage active travel by providing walking buses.	Create a walking bus to school.	1 month	Staff: Education staff, senior leadership team  Cost: Free	Air quality	<a href="#">How to: organise a walking bus to school (globalactionplan.org.uk)</a>	<a href="#">Walking and Cycling Grants London - Groundwork</a>
Encourage active travel by creating a School Street outside	Contact Southwark's highways team to register your interest.  Plan the	6 months- 1 year	Staff: Education staff, operational staff, senior leadership team	Air quality	<a href="#">School Streets - Southwark Council</a>  <a href="mailto:highways@southwark.gov.uk">highways@southwark.gov.uk</a>	Free

Kingshill.	streets for closure.  Engage with school staff, residence, and parents of the proposed changes.  Review and collect feedback.		Cost: Free			
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## 6. Action plan goal: air quality

These actions relate to directly improving air quality in and around the school for the benefit of pupils, staff, and parents and carers.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  <i>(optional)</i>	Tools, resources and information  <i>(optional)</i>	Funding opportunities  <i>(optional)</i>
Planning: Create Clean Air Action Plan.	Create clean air action plan.	2 months	Staff: Education staff, operational staff, senior leadership team  Cost: free	None	<a href="#">The Clean Air for Schools Framework</a>	Free

<p>Planning: Create an asthma friendly school plan.</p>	<p>Collect a register of all pupils with asthma.</p> <p>Create a school wide emergency asthma plan .</p> <p>Choose an asthma lead.</p> <p>Adopt a policy for inhaler techniques and emergency treatment.</p> <p>Create a system for</p>	<p>1 week, ongoing</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Free</p>	<p>Resilience and Adaptation</p>	<p><a href="#">Asthma friendly schools - Transformation Partners in Health and Care</a></p>	<p>Free</p>
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	identifying children who are missing school because of asthma.					
Planning: get an understanding of Kingshill's air quality by conducting Asthma Air Quality Monitoring & Engagement	<p>Speak to Southwark staff about getting involved.</p> <p>Distribute monitors.</p> <p>Collect air quality data</p>	1 month ongoing	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Free</p>	Climate Education and Green Careers	Contact: <a href="mailto:environmental.protection@southwark.gov.uk">environmental.protection@southwark.gov.uk</a>	Free

<p>Improve the air quality at Kingshill by installing an air quality filter.</p>	<p>Research best filter for Kingshill environment</p> <p>Set up filers in classrooms</p> <p>Train staff to maintain and manage the filters</p>	<p>1 month ongoing</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Low</p>	<p>None</p>	<p><a href="#">Health effects of air pollution - Programmes - Impact on Urban Health</a></p> <p><a href="#">Cleaner air for London's children as air filters to be rolled out to first 200 schools in the capital in ground-breaking initiative   London City Hall</a></p>	
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## 7. Action plan goal: waste, consumption and recycling

These actions seek to reduce waste and consumption and improve recycling within the school.

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans)  <i>(optional)</i>	Tools, resources and information  <i>(optional)</i>	Funding opportunities  <i>(optional)</i>
Reduce waste by banning single-use plastics in school canteen.	Replace plastic cutlery with reusable cutlery.	1 day, ongoing	Staff: Education staff, operational staff, senior leadership team  Cost: Low	None	<a href="#">How To Reduce Plastic at the School Canteen - Plastic Free July</a>	

<p>Reduce waste by banning single use plastic water bottles.</p>	<p>Get school branded water bottles.  Ensure access to fresh drinking water (drinking fountains) for refills.</p>	<p>1 week, ongoing</p>	<p>Staff: Education staff, operational staff, senior leadership team  Cost: Low</p>	<p>Climate Education and Green Careers</p>		<p><a href="#">Coastal Fountain Fund 2024   Sea-Changers</a></p>
<p>Reduce waste by lowering single use plastic.</p>	<p>Review the school's procurement policy and identify any single use plastics that can be eliminated.</p>	<p>1 week, ongoing</p>	<p>Staff: School management team, senior leadership team  Cost: Low</p>	<p>None</p>		

Encourage reuse by running second-hand uniform event.	Run a uniform event at school for second hand uniform exchange and purchase.	1 week	Staff: Education staff, senior leadership team Cost: Free	None	<a href="#">Uniformd</a>	Free
Encourage reuse by hosting swap events.	Host a swap event where students can swap clothes, books, and games.  Host an unwanted holidays present swap.  Donate surplus to charities e.g. Traid.	1 week	Staff: Education staff, senior leadership team Cost: Free	Climate Education and Green Careers	<a href="#">How To Organise A Clothes Swap   9 Easy Steps - Cariki</a>	Free

<p>Encourage reuse by hosting repair workshops.</p>	<p>Run a repair shop at Kingshill encouraging students and staff and the community to bring in broken item for repair.</p> <p>Bike repair workshops at school.</p>	<p>1 month</p>	<p>Staff: Education staff, senior leadership team</p> <p>Cost: Varying depending on action</p>	<p>None</p>	<p><a href="#">The Restart Project - The Right to Repair and Reuse Your Electronics</a></p> <p>Dr Bike - <a href="#">Free cycling lessons - Southwark Council</a></p>	
<p>Encourage reuse by borrowing rather than buying.</p>	<p>Visit the library of things.</p> <p>Encourage students/ staff to borrow rather than buy.</p>	<p>1 day, ongoing</p>	<p>Staff: Education staff, operational staff, senior leadership team</p> <p>Cost: Free (to encourage,</p>	<p>Climate Education and Green Careers</p>	<p><a href="#">Library of Things   Borrow useful Things for your home, projects and adventures</a></p>	

			borrowing incurs cost)			
Encourage reuse by setting up your own eco-refill shops.	Use Pupils Profit to set up refill at schools.  Encourage and advertise scheme in newsletters etc.	1 month - ongoing	Staff: Education staff, senior leadership team  Cost: Low	None	<a href="#">Pupils Profit   Eco Refill</a>	
Increase recycling by setting up a recycling hub.	Take part in The Green School Project	1 week- ongoing	Staff: Education staff, senior leadership team  Cost: Low	None	<a href="#">The Green School Project · TerraCycle</a>	
Increase recycling by using	Review the school's procurement	1 week- ongoing	Staff: Education staff, operational staff, senior	None		

recycled paper.	policy and ensure paper purchased is recycled.		leadership team  Cost: Low			
Increase recycling by improving recycling facilities in the school.	Ensure that all classrooms have a recycling bin.  Recruit dedicated recycling monitors to support staff and students.	1 week - ongoing	Staff: Education staff, operational staff, senior leadership team  Cost: Low	None		
Increase our school's knowledge of waste,	Contact Veolia at Southeast London Combined	1 day	Staff: Education staff, senior leadership team	Climate Education and Green Careers	<a href="http://selchp.com">South East London Combined Heat and Power (selchp.com)</a>	Free

<p>consumption and recycling by visiting reuse and recycling centre with Veolia.</p>	<p>Heat and Power (SELCHP) in Lewisham to arrange a visit.</p> <p>Take pupils on a trip.</p> <p>Run a lesson afterwards to reflect/ share what pupils learned.</p>		<p>Cost: Free</p>			
<p>Increase our school's knowledge of waste, consumption and recycling by running a</p>	<p>Advertise in newsletters.</p> <p>Hold assemblies and lessons.</p> <p>Run poster competition</p>	<p>1 month</p>	<p>Staff: Education staff, senior leadership team</p> <p>Cost: Varying</p>	<p>Climate Education and Green Careers</p>	<p><a href="#">Home   Race against waste</a></p> <p><a href="#">Educator Hub - Junk Kouture</a></p>	

<p>campaign at school to:</p> <ul style="list-style-type: none"><li>● remove single use plastics</li><li>● promote recycling, repairing, reusing, and reducing waste.</li></ul>	<p>for students.</p> <p>Advertise on social media.</p> <p>Join a competitive challenge.</p>					
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## 8. Action plan goal: food

Action	Steps	Timeline for the action or expected completion date	Resources	Co-benefits (any cross over benefits with other goals or plans) <i>(optional)</i>	Tools, resources and information <i>(optional)</i>	Funding opportunities <i>(optional)</i>
Planning: include sustainability standards in school food policy or contract	Talk with your kitchen staff or catering team.  Contact School Food Team at Southwark for support:	1 month, ongoing	Staff: Operational staff, senior leadership team, kitchen staff  Cost: Free	Climate Education and Green Careers	Contact information for the Food Team at Southwark: <a href="mailto:schoolfood@southwark.gov.uk">schoolfood@southwark.gov.uk</a>  <a href="#">Complete the SBM School Food Management</a>	Free

	<p>Review Kingshill food contract.</p>				<p><a href="#">Training</a> to get support for school food procurement</p> <p>Work with <a href="#">ProVeg UK</a> to provide menus and advice, new recipes, and plant-based cooking workshops.</p> <p>Encourage catering staff to complete <a href="#">Chefs in Schools Training</a> to learn to provide healthy and sustainable food.</p> <p><a href="#">Connect food waste support</a></p>	
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					<a href="#">from Veolia (or equivalent waste provider) with procurement.</a>	
Reduce food waste by composting food waste at school.	Get a compost bin.  Use the compost for school gardens.	1 week, ongoing	Staff: Education staff, operational staff, senior leadership team  Cost: Free	None	<a href="#">Get Kingshill composting for free</a>	Free
Promote plants and reduce meat consumption by having a	Have a plant-power or meat free day in the canteen.  Teach about the benefits of	1 week-ongoing	Staff: Education staff, operational staff, senior leadership team  Cost: Free	Climate Education and Green Careers	<a href="#">Meat free Mondays guide for educators</a>	Free

plant-power day.	<p>reduced meat and more plants in your diet.</p> <p>Teach how to make nutritional and tasty vegetarian meals.</p>					
Improve energy efficiency of school by assessing kitchen energy use.	<p>Talk with your kitchen staff/catering team.</p> <p>Work with <a href="#">Food for Life</a> Southwark Council.</p>	2 months - ongoing	<p>Staff: Operational staff, senior leadership team, kitchen staff</p> <p>Cost: Free</p>	Climate Education and Green Careers	Work with external caterers/kitchen team to achieve a <a href="#">green kitchen standard</a>	Free

	Review efficiency of school kitchen.					
Increase our school's knowledge of food by running a sustainable food campaign at school.	<p>Develop a campaign and link this with other national campaigns.</p> <p>Work with <a href="#">Food for Life</a> at Southwark Council.</p>	2 months - ongoing	<p>Staff: All school staff</p> <p>Cost: Free</p>	Climate Education	<p>Use resources from national campaigns such as <a href="#">WRAP's Love Food Hate Waste campaign</a></p> <p>Run <a href="#">Food Waste Action Week</a> with support from WRAP</p> <p>Contact <a href="#">School Food Matters</a> for support to promote healthy</p>	Free

					and sustainable food	
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