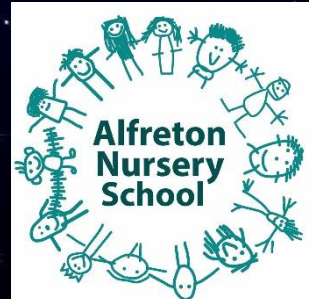


# *Measuring Sustainability @ Alfreton Nursery School*



# *Measuring Sustainability @ Alfreton Nursery School*

**‘The United Nations Sustainable Development Goals for 2015-2030 (SDG) include two extremely important statements relevant to the field of early childhood development, education, and care: Goal 4 states that by 2030 all Member States must:**

**\*ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education, and**

**\*ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development**

**With these critical outcomes in mind, it is imperative for everyone in the field of early childhood development, education and care to become as knowledgeable and skilful as possible about high quality pedagogies and curricula for Education for Sustainable Development during the early years.’**

**(OMEP)**

# Measuring Sustainability @ Alferton Nursery School

## **Contents**

*SDG's*

*Areas of sustainability*

*Pillars -*

- *Environmental - school offer, minimal offer & targets for development*
- *Social/Cultural - school offer, minimal offer & targets for development*
- *Economic - school offer, minimal offer & targets for development*

*Responsibilities*

*SDG links to the three pillars of sustainability*

*Overall bi-annual school targets*

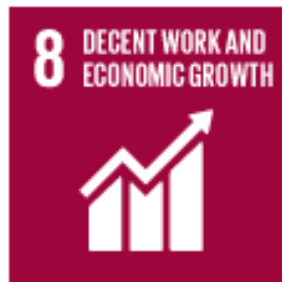
*Partners*

# Measuring Sustainability @ Alfreton Nursery School



## SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



# Measuring Sustainability @ Alfreton Nursery School

*The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth - all while tackling climate change and working to preserve our oceans and forests. (United Nations)*

## **Areas of sustainability**

*Behind each of the 17 SDG headlines, are specific goals, targets and actions for reflection. As a school we endeavour to pursue all areas of sustainability, setting clear targets for school development and celebrating achievements.*

*The SDG's have been distributed between the three pillars of sustainability:*

- *Environmental*
- *Social & Cultural*
- *Economics*

# Measuring Sustainability @ Alferton Nursery School

2021 - 2022 Our school offer

## Environmental

<i>Environmental Education</i>	<i>Explicit teaching around global concepts</i>
<i>Forest School Grounds</i>	<i>Natural woodland - biodiversity &amp; food growing Pond habitat</i>
<i>STEM Hive</i>	<i>Focus on environmental issues (deforestation, pollution &amp; global warming, biodiversity &amp; sustainable food production)</i>
<i>Sustainable food planting</i>	<i>Promoting healthy food and sustainable plant based food</i>
<i>Water conservation</i>	<i>Water butts located around the school site</i>
<i>Energy</i>	<i>Sensor lighting in some areas of nursery</i>
<i>Waste</i>	<i>Compost and recycle Business links for recycled materials FairShare food for families</i>
<i>Travel</i>	<i>Walk to School Week</i>

# Measuring Sustainability @ Alfretton Nursery School

	<i>Mode Shift</i>
<i>National/International environmental focus points</i>	<i>International compost awareness week, Zero food waste day . . .</i>
<i>No meat products used on school site</i>	<i>Baking, snack and community events do not use meat and dairy free alternatives are always available.</i>
<i>Sustainable food practices</i>	<i>Minimal use of food products in play</i>

## ***Minimal environmental offer:***

- *Natural hedge rows*
- *Bug/insect friendly habitats*
- *Minimum 20 different types of tree, bush, shrub, flower . . .*
- *Bee friendly planting*
- *Bird feeding stations*
- *Water butts*

# Measuring Sustainability @ Alfreton Nursery School

- Food growing and harvesting spaces
- Wild flower/weed dedicated spaces
- Composting
- Recycled outdoor resources
- Recycling different types of waste

## Environmental Targets for 2021 - 2022

<i>Increase biodiversity within the outdoors</i>	<i>Increase planting of seasonal flowers in the STEM Hive</i>
<i>Provide electric vehicle bay in school carpark</i>	<i>Local Authority to install</i>
<i>Begin carbon footprint analysis</i>	<i>In partnership with Cosy, analysis of our school's carbon footprint will take place and targets for reduction will follow</i>
<i>Further develop food production within the Forest Schools site and STEM Hive.</i>	<i>Seasonal planting of fruit and vegetables in different areas, encouraging families to access plant based diets</i>



# *Measuring Sustainability @ Alfreton Nursery School*

*Contact local food suppliers.*

*Increase our access to out of date/packaging damaged food, thus reducing use of edible food in lessons.*

# Measuring Sustainability @ Alfreton Nursery School

## Our school offer

### Social and Cultural

<i>Global Citizenship Education</i>	<i>Explicit teaching around global community concepts RRSA</i>
<i>BAME</i>	<i>Explicit education and resourcing Data analysis to close gaps in attainment IQM</i>
<i>LGBTQ+</i>	<i>Rainbow Flag Award IQM Family links</i>
<i>Gender</i>	<i>P4C inclusion and diversity lessons . . . Data analysis to close gaps in attainment IQM</i>
<i>SEND</i>	<i>Support Groups for parents Enhanced resource - MAT, outdoor handrails . . .</i>

# Measuring Sustainability @ Alfreton Nursery School

<i>Mental Health</i>	<i>Carnegie Award MHFA in school MHFA timetabled support</i>
<i>Poverty</i>	<i>FairShare, Food Vouchers Pupil Premium - Data analysis to close gaps in attainment</i>
<i>More Able Learners</i>	<i>Explicit focus on wellbeing and education entitlement in school</i>
<i>Local business links</i>	<i>Through families, staff contacts and historical links, many businesses support our school financially and with time and expertise when asked.</i>
<i>Family support</i>	<i>Parent Groups MHFA Community Days Consultations</i>
<i>OFSTED/Quality Education</i>	<i>Outstanding</i>

# Measuring Sustainability @ Alfreton Nursery School

<i>Child characteristics</i>	<i>Data analysis to close gaps in attainment</i>
<i>Local Community</i>	<i>Maple Mews Library Arts projects</i>
<i>Further education</i>	<i>Training of professionals from other schools and IIT students on issues around diversity and inclusion</i>

## ***Minimal social/cultural offer:***

- *Explicit inclusion and diversity education for all children in school*
- *Family support sessions*
- *MHFA*
- *Highly aspirational educational entitlement for children from all 'groups'*
- *Data analysis to close gaps in attainment*
- *Community links*

# Measuring Sustainability @ Alferton Nursery School

## *Social/Cultural Targets for 2021 - 2022*

<i>Work towards achieving the Rainbow Flag Award</i>	<i>Work as a whole school to raise awareness and inclusive practices</i>
<i>Include the views of all community groups reflected in our families, in the evaluation of our school accessibility.</i>	<i>Invite consultation with families who represent members from different social groups.</i>

# Measuring Sustainability @ Alfreton Nursery School

## Our school offer

### Economic

<i>Local purchasing</i>	<i>Support for local business</i>
<i>Carbon Footprint</i>	<i>Monitoring our purchasing with regards to the carbon footprint associated with procurement</i>
<i>Community support</i>	<i>Providing support for self-employed families, through opportunities to sell their products</i>
<i>Business links</i>	<i>Work with local business to supply materials that can be used educationally, at reduced cost or cost free</i>
<i>Resource purchasing</i>	<i>Ensure that resources purchased are made from sustainable materials and have longevity of use.</i>
<i>Plastic</i>	<i>Reduce purchase and use of single use plastic</i>
<i>Recycled resources</i>	<i>Accept and reuse donated resources</i>
<i>Build links with networks and forums, sharing practice and training packages.</i>	<i>Support online training packages, reducing cost and carbon footprint. Share practice and training</i>

# Measuring Sustainability @ Alfreton Nursery School

*at reduced cost to raise educational standards locally, nationally and internationally.*

## *Minimal economic offer:*

- *Support for local businesses*
- *Craft fair to support families and the local community*
- *Sustainable training and CPD links*
- *Ethical purchasing*
- *Acceptance and reuse of donations*

## *Economic Targets for 2021 - 2022*

*Increase purchasing from local businesses*

*Reduce use of online and multi-national organisations for supply of school resources*

# Measuring Sustainability @ Alferton Nursery School

<i>Increase links with local businesses</i>	<i>Make contact with, and sustain current relationships with businesses locally, who may serve our school community.</i>
<i>Monitor carbon footprint for purchasing of resources</i>	<i>Track sources of procurement and improve related carbon footprint</i>



# Measuring Sustainability @ Alfreton Nursery School

## Responsibilities

### Environment:

Emma Haywood- Head Teacher

Amanda Hubball- Deputy Head

Neil Beeson - Business

### Social/Cultural:

Amanda Hubball - Deputy Head

Laura Dolby - Teacher

Jane Blant - HLTA

### Economic:

Governing Board

## SDG links to the three pillars of sustainability

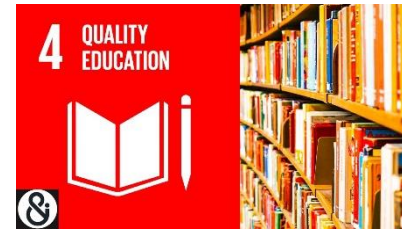
### Environment



# Measuring Sustainability @ Alfreton Nursery School

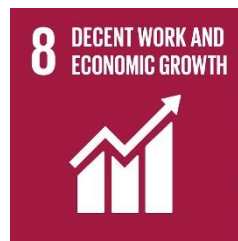


## Social/Cultural



# Measuring Sustainability @ Alfreton Nursery School

*Economic,*



## *Overall bi-annual school targets 2021 - 2022 & 2022 - 2023*

<p><i>1. Carbon Footprint</i></p>	<p><i>Investigate and reduce carbon footprint by minimum 50%</i></p>
<p><i>2. Increase links with diversity groups in local community</i></p>	<p><i>Invite feedback from community with regards to perceived school inclusivity, and act to address areas for development</i></p>

# Measuring Sustainability @ Alferton Nursery School

## Partners



## *Measuring Sustainability @ Alfreton Nursery School*

Climate change is happening now. It is one of the biggest challenges of our generation and has already begun to cause irreversible damage to our planet and way of life. We have clear evidence demonstrating the pace of warming in recent decades and the impacts we will face should this continue. As we redouble our efforts to achieve net zero, we must also continue to raise ambitions on adaptation to ensure the UK is resilient to the challenges of a warming world.

(Department for Education UK Climate Change Risk Assessment 2022)

# Measuring Sustainability @ Alferton Nursery School

## Data report sheet

### Target analysis


# Measuring Sustainability @ Alferton Nursery School

Sustainability  
Coordinator:  
Amanda Hubball

*"A map of the world that does not include Utopia is not worth even glancing at, for it leaves out the one country at which Humanity is always landing. And when Humanity lands there, it looks out, and, seeing a better country, sets sail. Progress is the realisation of Utopias."*

Oscar Wilde

