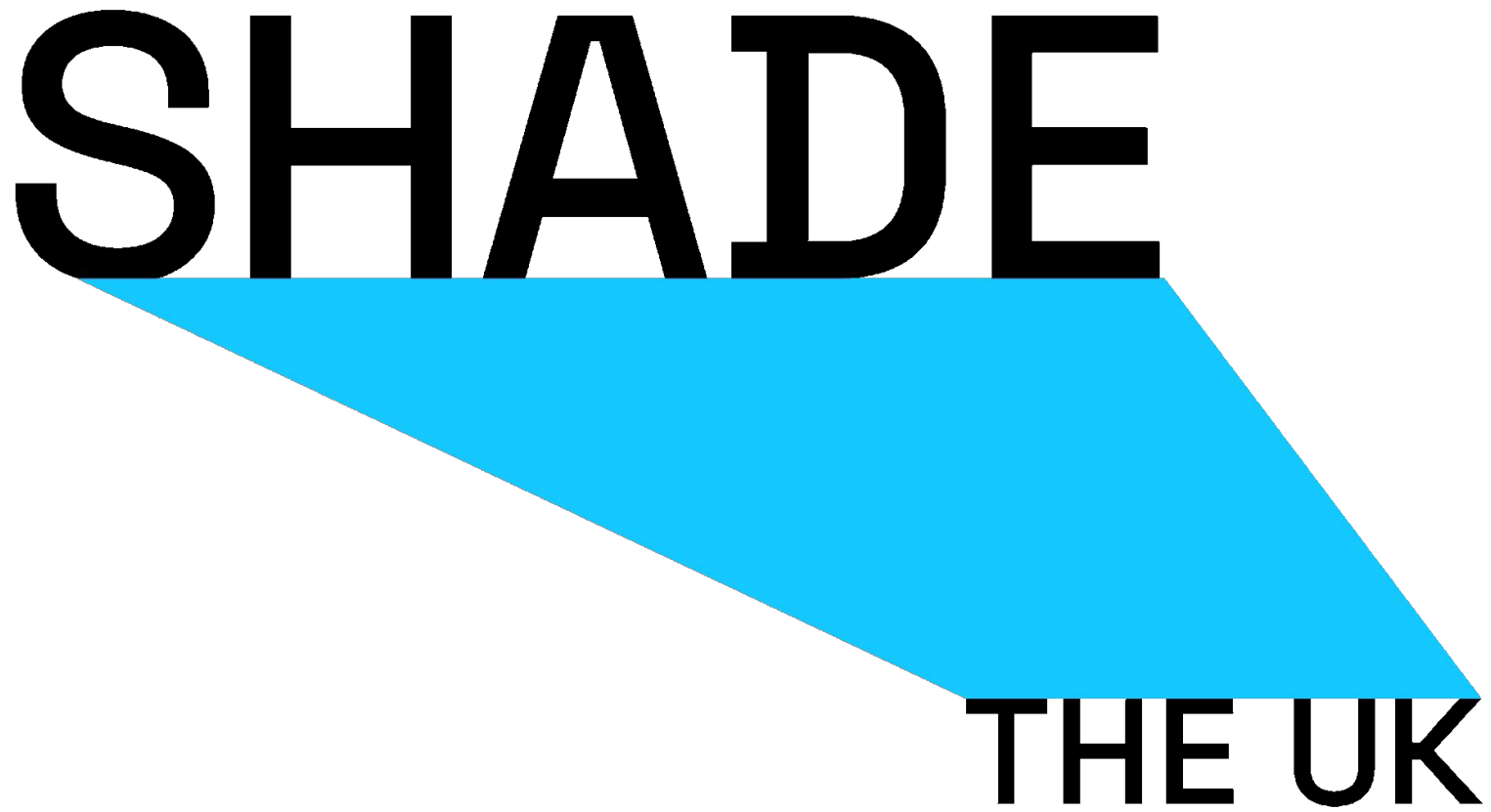

SHADE
THE UK

ST
UK

Shade the UK's Mission

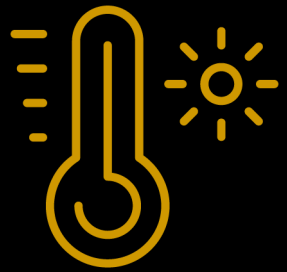
Zero deaths from overheating in the UK

Everyone to live, work, and thrive in hot weather

Who is impacted by heat?



Our Work



Heat studies & community engagement



Exhibitions



Research papers & articles



Adaptation guides

ST
UK

Our Work

Overheating Adaptation Guides:

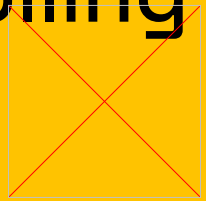
- Homes
- Offices
- Arts & Culture

- Schools - Coming Soon!



ST
UK

Who's in charge? Getting the ball rolling on school adaptation to heat



Getting Adaptation Right

The urgency to act now is understandable – but without the right information and guidance there is a risk that schools invest in inappropriate measures that do not adequately address the problem. For example:



Installing air conditioning too quickly

→ High installation and running costs, where simpler passive measures might have been sufficient.



Investing in the wrong solutions

→ Every school is different, and not all solutions will be appropriate or effective in every setting.



Doing everything at once

→ Sometimes a smaller number of targeted improvements can deliver better results for less money.

ST
UK

Getting Adaptation Right

1. Building measures

- Solar film
- External blinds / shutters
- Green roofs
- Lighter/reflective surfaces

2. Outdoor measures

- Canopies
- Shaded outdoor classrooms, play, and sports areas
- Drought-proof planting

3. Operational measures

- Hot weather protocols
- Flexible uniform
- Opening windows at night
- Communication and signage.

We encourage schools to seek appropriate professional advice before committing to significant investments.

Getting Adaptation Right

We work with Love Design Studio to provide overheating assessments for schools.

£
Rapid Overheating Review

→ A practical starting point for schools providing a high-level overview of key overheating issues and potential considerations for adaptation.

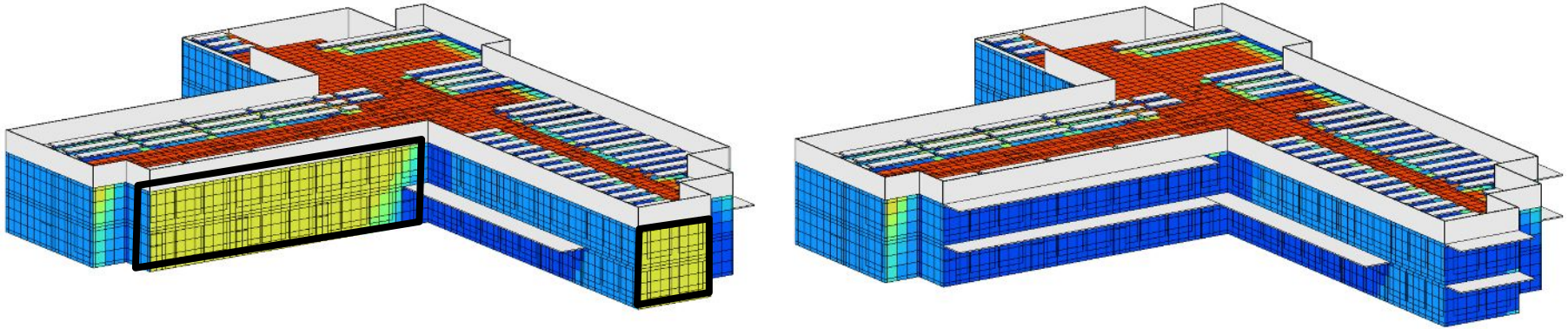
££
Shade Score™

→ An overheating assessment tool that helps schools identify areas of greatest risk and understand the measures that could make the biggest difference.

£££
Adaptation Partner

→ A strategic partnership for schools looking to build long-term heat resilience. We work with schools to identify overheating risks and develop appropriate building, estate and operational measures.

Overheating Assessment

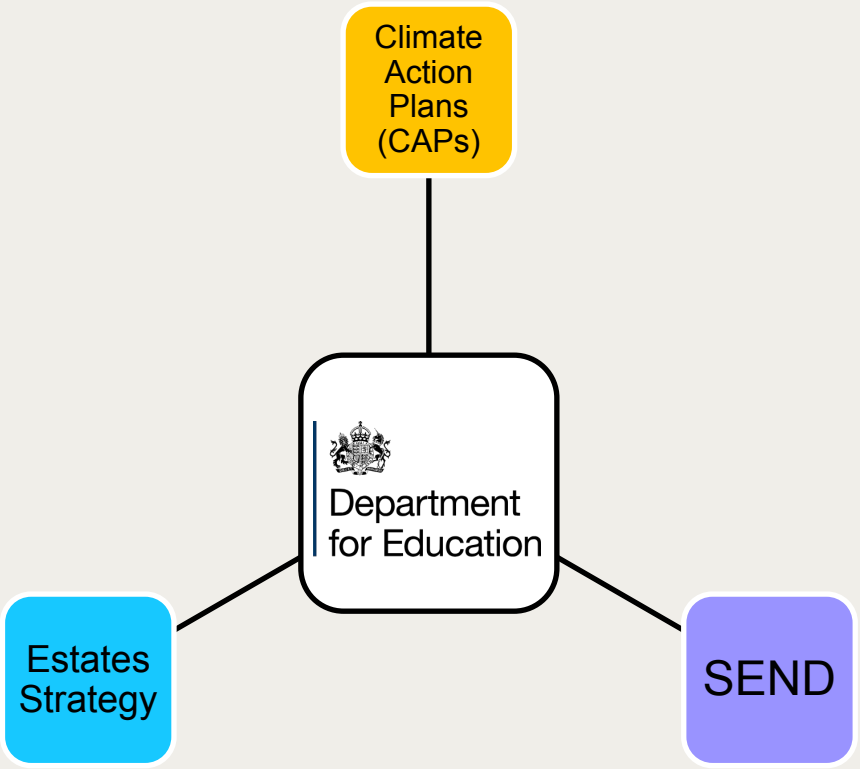


Absence of shade leads to relatively high solar exposure

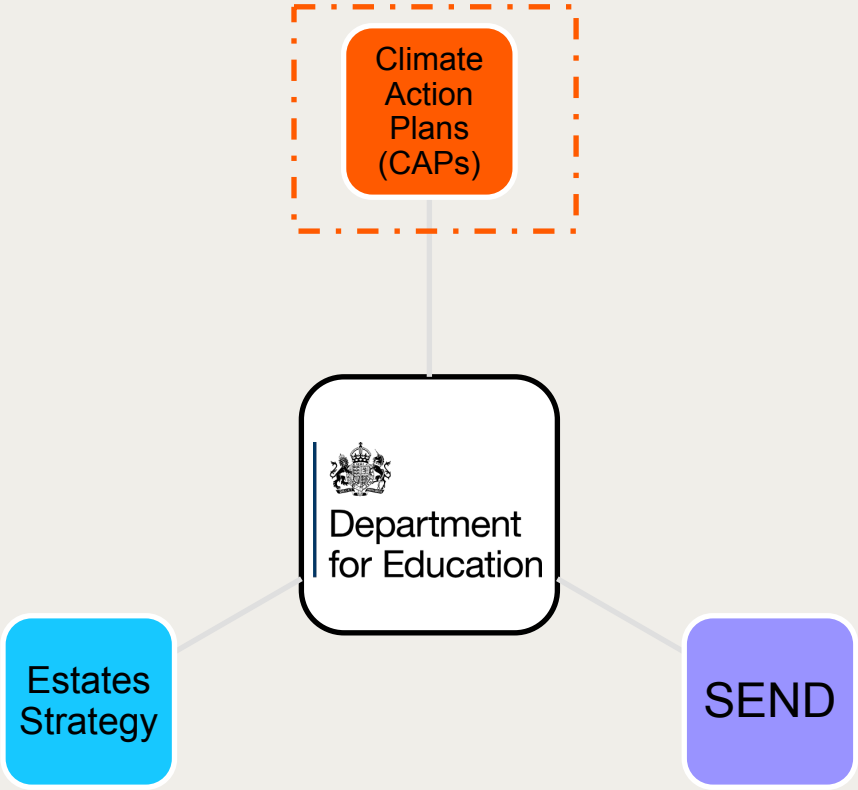
Addition of canopies reduces solar exposure

ST
UK

DfE Requirements



DfE Requirements: Climate Action Plans

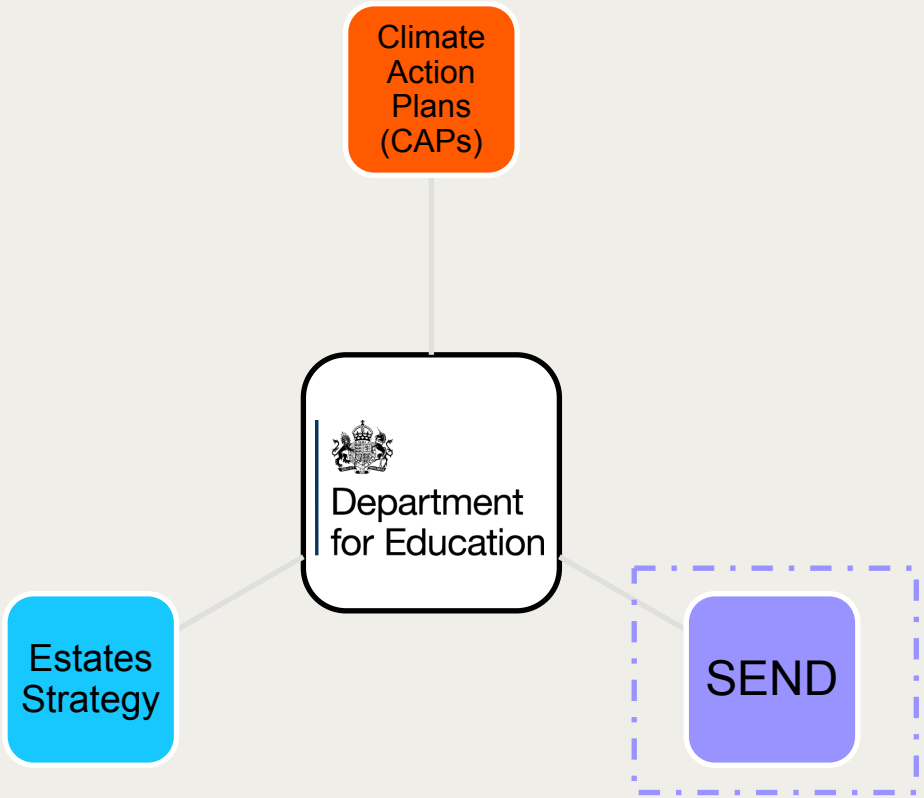


Schools must appoint a sustainability lead and implement a tailored Climate Action Plan (CAP).

Adaptation to heat is a key component of a CAP.

Your school's climate action plan should set out key strategies to address increasing temperatures in the short term and long term.

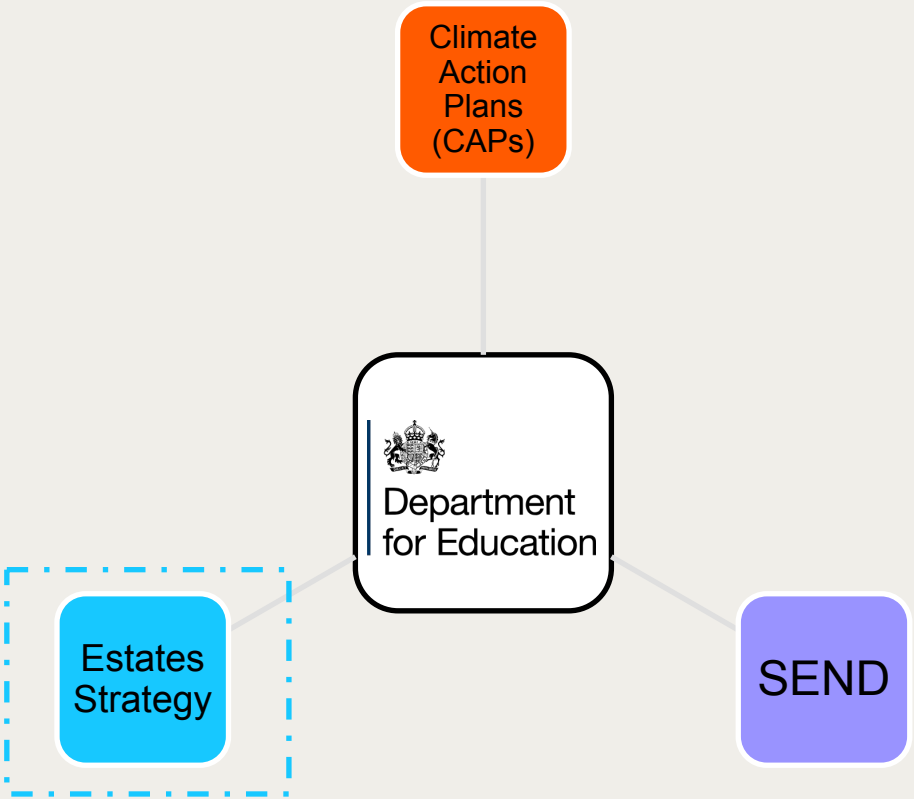
DfE Requirements: Climate Action Plans



Children with special educational needs and disabilities can be vulnerable to heat. Tailored learning and adjustments are required to safeguard their wellbeing during a heat wave.

This new investment will ensure that ensure every local area has a bank of specialists that all schools can draw on whenever needed and pupils get early, and create tailored interventions for children with SEND.

DfE Requirements: Climate Action Plans



Climate change adaptation is a recognised priority within the new Estates Strategy, with overheating highlighted as a significant and growing climate risk.

Adapting your school to heat is a key part of DfE's estates strategy to improve the condition of the education estate

ST
UK

So What Can Schools Do?

01
Recognise the problem

→ Speak to different stakeholders to understand whether any overheating issues at school may be present + identify who may be most vulnerable.

02
Collect the evidence

→ Monitor indoor temperatures, record experiences on hot days, and identify what measures are already in place to protect people in hot weather.

03
Get the right advice

→ Seek support from a relevant adaptation expert for an overheating assessment.

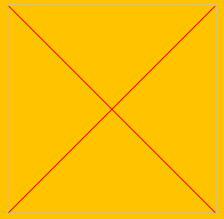
04
Develop an adaptation plan

→ An adaptation plan can be incorporated into existing Climate Action Plans (CAPs) or developed with specialist adaptation partners.

05
Explore funding

→ Funders increasingly want evidence that investment is being directed towards genuine risks and solutions that will actually make a difference.

ST
UK



Activity: How can different stakeholders in education contribute to heat adaptation and resilience?

In groups, explore how different stakeholders work together to implement heat adaptation measures in schools.

ST UK

1. Your table will have a selection of **adaptation measure cards.** For each adaptation measure, discuss what stakeholders are involved to ensure this adaptation measure can be implemented.

3. **Think about:**

- Who approves it?
- Who funds it?
- Who delivers it?
- Who uses it?
- Who reviews whether it worked?

2. **The stakeholders:**

→ Headteacher
→ Senior leadership
→ Teachers
→ Building/facilities manager
→ School board / governors / school trusts
→ Local authority
→ Climate ambassadors
→ External consultant
→ Students
→ Parents and carers

ST
UK

THANK YOU!



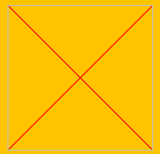
@shade.the.uk



Shade the UK



(+44) (0) 20 7846 0261



info@shadetheuk.co.uk