

## **Active Travel**

Ruby Tobin and Emma Cocksedge

## The charity making it easier for people to walk and cycle

**Our vision:** A society where the way we travel creates healthier places and happier lives for everyone.

## We do this because it leads to:



## What we do

Our two strategic priorities are **paths for everyone** and **liveable cities and towns for everyone**.



## Sustrans and the school run

- Help hundreds of thousands of young people throughout the UK to travel actively and safely to school and colleges
- Work with Local Authorities, schools and teachers to increase active travel
- Implement engaging and effective programmes designed to embed a culture of active travel amongst the entire school community





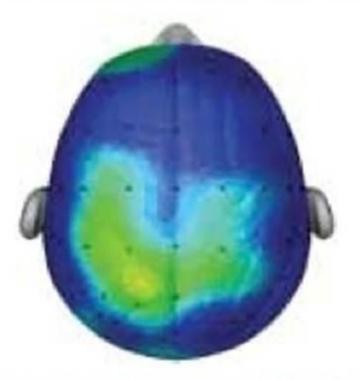
## Why Active Travel is important

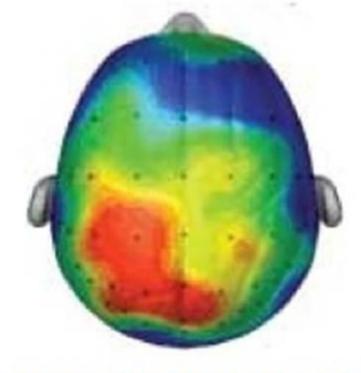
- Increase educational attainment and cognitive development active brains, focused and alert
- Improves mental health and wellbeing happier and more confident, better at dealing with stress
- Better physical health supports physiological, cardiovascular and motor skills development. Maintain a healthy weight
- More active families healthy habits in school and at home
- **Social development –** interacting with people and the environment
- **Develops life skills –** road safety, decision making
- Reduce congestion and conflict with neighbours safer more pleasant streets
- Improve air quality decreasing long term health impacts
- Cross curriculum working incorporated into almost any lesson!



### **Cognitive Effects of Exercise in Preadolescent Children**

Average composite of 20 students' brains taking the same test after sitting quietly or taking 20 minute walk





### Brain after sitting quietly

Brain after 20 minute walk

Source: Derived from research by Dr. C.H. Hillman, University of Illinois at Urbana, Champaign, Urbana, IL (2009).



Physical activity through active travel Briefing Note: A best available opportunity for enhancing academic attainment among school pupils? A Summary of the Evidence

Dr Darshana Bhattacharjee, Registrar in Paediatrics and Public Health, Bristol City Council Dr Adrian Davis, Public Health support to City Transport, Bristol City Council (Supervisor) April 2015

## Why Active Travel is important

- Increase educational attainment and cognitive development active brains, focused and alert
- Improves mental health and wellbeing happier and more confident, better at dealing with stress
- Better physical health supports physiological, cardiovascular and motor skills development. Maintain a healthy weight
- More active families healthy habits in school and at home
- **Social development –** interacting with people and the environment
- **Develops life skills –** road safety, decision making
- Reduce congestion and conflict with neighbours safer more pleasant streets
- Improve air quality decreasing long term health impacts
- Cross curriculum working incorporated into almost any lesson!



## **PE and Sport Premium for Primary School**

Government guidance on using the funding to:

'embed physical activity into the school day through active travel to and from school, active playgrounds and active teaching'



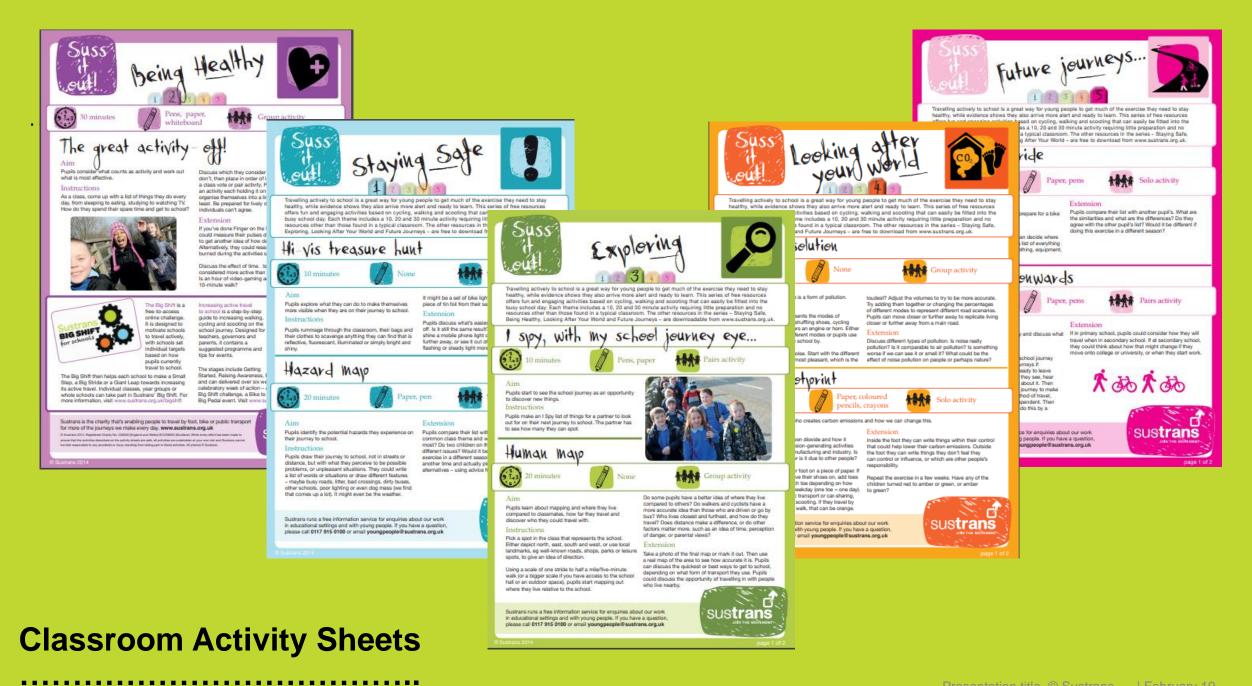
What are the barriers?

# Activity: What are the barriers to pupils actively traveling?

## **Overcoming Barriers**

Barrier	Solution
Confidence and skills	Bikeability, cycle and scooter skills sessions, bike club, led rides, led walks, buddy up
Not considered Active Travel	Active travel days, themed assemblies, Route planning
Live too far away	5 – 10 minute walking maps, Park and Stride, Walking Bus
Can't be bothered – too much effort - motivate and incentivise (pester power)	Active Travel breakfasts The Big Pedal – annual competition Weekly activities - Walk it Wednesday / Be Fit Friday / golden lock or boot Family homework – e.g. sensor mapping, travel journal, route planning
Bike not working / no bike	Dr Bike, bike maintenance sessions, How to do an M check,



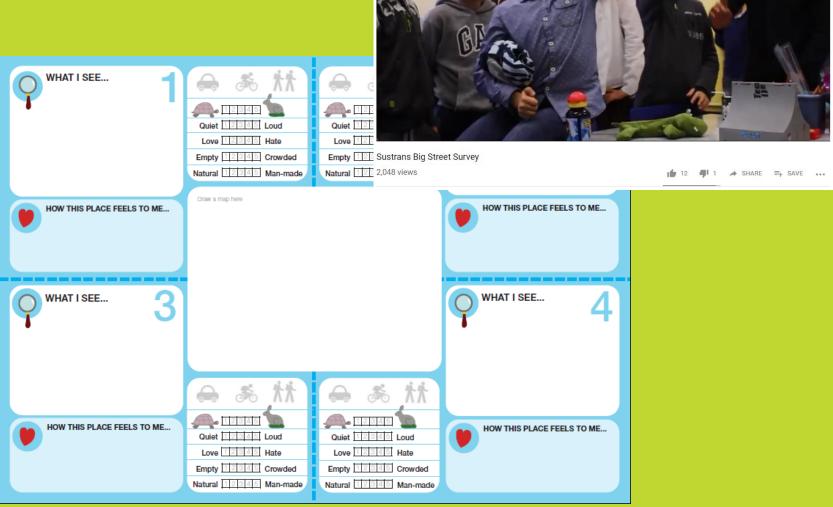


#### Presentation title, © Sustrans | February 19

## **Big Street Survey**

. . . . . . . . . . . . . . . . . . . .

Our Big Street Survey is an exciting free curriculum resource enabling pupils to investigate the area around their school and create a manifesto on how to make their streets safer and greener.

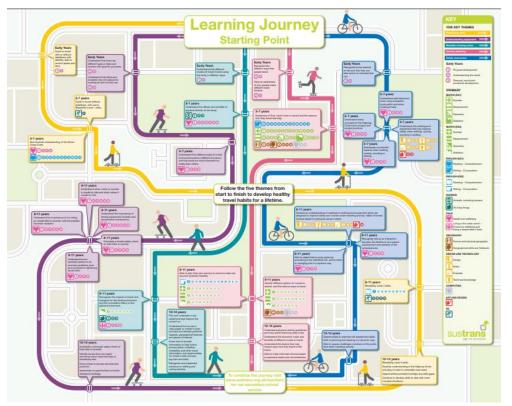


## **Sustrans Learning Journey**

'Sustrans Learning Journey' sets out a curriculum to develop the knowledge and skills that will introduce and develop lifelong active travel habits in young people.

## Learning journey themes:

- Developing skills
- Journey planning
- Safety awareness
- Benefits of being active
- Understanding equipment.



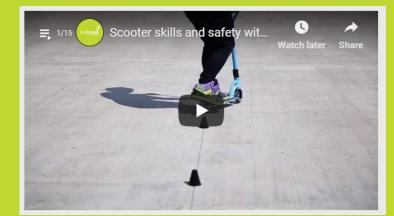
### Suitable for age groups:

pre-school ages 5-7 ages 8-11 ages 12-14

## Practical guides and resources

### Lose the stabilisers





## Check your bike

Get scooting





The M check is a simple way to make sure your bike is safe to ride. This information sheet should be used in conjunction with the 'Check your bike is safe to ride – a how-to guide' available at b

#### **Activity** instructions

Check your rear wheel is tightly fitted and the quick-release lever is secure in the closed position Not al wheels will have quick-release lever. If wheel is not quick release, check that the nuts on both sides of the wheel are secure.

Check spokes are of equal tension and not loose Pluck each spoke with your tinger. The sound from each spoke should be very similar.

Check if there is enough air in your tyre If the tyre is soft, there are two types of valve and pump up. Mote: There are two types of valve fitting – Presta (long and thin), and Schrader (thicker and slightly shorter). Recommended tyre pressure is oscally writing somewhere on the tyre.

Check the tyre to make sure it's not worm There are many types of tyre. Look for bald patches, cracks or inconsistencies.

Check your seat post ian't loose and that you haven't exceeded the limit marked on the seat post Use an alen key to tighten the seat post damp. Ensure the seat post is secure by giving it another check once you have tighten the clamp.

Check that your chain is clean and oiled Keeping your chain clean and oiled is important for the sn running of your bies. Note: Don't use too much oil as this pick up more diff and make the chain more difficult to de

Check that your pedals spin smoothly and the cranks are on tight, spin smoothly and don't creat

Check there are bar-end plugs at the end of your handlebars

Check that your front wheel and stem do not more biogeneticity and that your handlebar clump bolts are tight. Purform this check by standing in fort of the bias, holding the hort wheel between your knees and heating the handlebars. You can prevent any movement by fightening the stem bolts and the handlebar clump with an allen key.





# Travel around the body, learning, exploring and getting active for Sustrans Big Pedal



## What is it?

Sustrans Big Pedal is the UK's largest interschool cycling, walking and scooting challenge.



Schools compete to see who can record the greatest number of human powered journeys over two weeks.





## When is it?



The competition runs from

25 March – 5 April





# How long is it?

You can take part for all ten days of the challenge but only the best five days will decide your final position.

You can also take part in the one day challenge.







## What do we do?

Encourage your pupils and staff to cycle, walk or scoot to school every day or the one day challenge.

Record your journeys daily on the Sustrans Big Pedal website to try to increase your score each day.





There will be fantastic prizes up for grabs throughout the challenge. Schools that get over 15% of their pupils cycling, walking or scooting to school will be entered into the prize draw.

Prizes include accessories and equipment to help your school travel actively.





## **Superhero Day**

sustrans

25 March - 5 April

In the Big Pedal 2018, thousands of children across the UK transformed into their favourite superhero to celebrate the final day of the challenge.

Schools can choose to fundraise for Sustrans if they want.

The superhero event will be running again on **Friday 5 April**.







The competition is free to enter

Receive a bundle of curriculum-based resources themed around the human body and includes:

- A free paper and digital wallchart with fact cards on the human body
- 4 hours worth of curriculum based starters and lesson material
- resources to run the event including powerpoint, letters to send to parents/guardians, posters and active-travel record sheet





# **Register today**

# bigpedal.org.uk



# Increasing active travel to school

a six-week step-by-step guide

2018





## **Become a Sustrans School**

- Sustrans can helps to kick start a school into making it easier for children to walk, scoot or cycle
- Work with staff, pupils, families and governors
- Develop a bespoke programme to meet the needs of the school
- Supports the schools in achieving Eco-School Award, Healthy Schools Awards
- A Sustrans Officer recruits, trains and supports an Active Travel Champion within the school to help deliver a range of engaging activities to build:
  - confidence
  - enthusiasm
  - skills
  - Form new active travel habits which continue when Sustrans leaves



## **Become a Sustrans School**

#### The Sustrans School Programme

#### **Start-up phase:**

promoting the active travel programme throughout the school community. e.g. School assemblies, publicity materials and presentations.

#### **Empowerment phase:**

provides pupils, teachers and parents with skills and confidence training to travel actively. e.g. cycle and scooter skills development and route planning workshops.

#### Action phase:

delivers a range of fun initiatives to the school community to make changes to their travel behaviour. e.g. Active travel breakfast, bling your bike, be bright and be seen, competitions and challenges.

#### We will:

- fit into the KS1-KS2 curriculum
- produce all necessary documents: risk assessments, communication plans and provide session materials
- Ink into and support existing programmes like Bikeability
- activities can be run during, before or after school



### What schools say.....

"Charlotte has been absolutely fantastic and the support and encouragement she has given the children to gain confidence in riding the balance bikes has been brilliant. The children absolutely love going out on the bikes, and all of them have made fantastic progress in their gross motor skills, which is such a fundamental part of their development" Laura Milner, Nursery Teacher at St. Martins Primary "Without the support of Helen and Sustrans, we would never have been able to take the first steps towards active travel and introducing it in our school. The positivity and passion to the active travel cause is endless. It has been a pleasure to work with them and we are excited about our next steps as a result"

Kayleigh Hannaford, St Joseph's Primary School Champion

