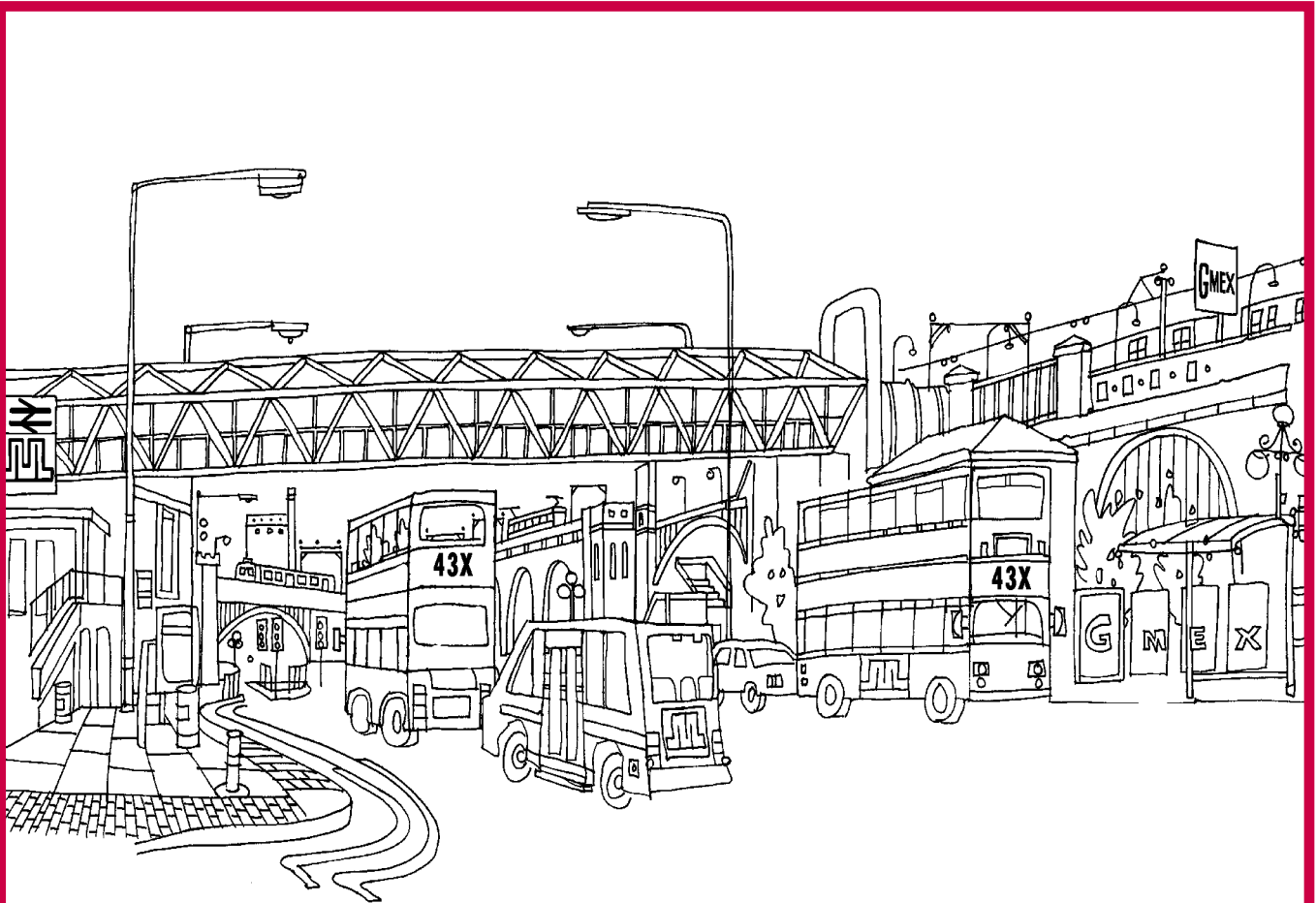


Going Places

WITH GREATER MANCHESTER PASSENGER TRANSPORT EXECUTIVE



Linking together all forms of public transport

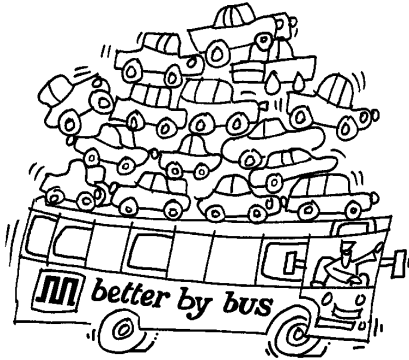
An education pack about local public transport for the 9 to 14 age range

Teachers' Notes



Local transport in the 21st century

The number of cars on the road is ever increasing each year. It is predicted it could double in Britain by the year 2025 if current trends continue. In the past, the government has allowed new roads to be built to meet the demands of more motor cars. As we start the new millennium, there has been a change in policy. Local planners have been told to favour developments that reduce travel and do not rely on the motor car.



The future will see local councils trying to strike the balance between motor car users and making local towns more attractive places for people to live and work in. Local people will be encouraged to use public transport. These services and facilities are being improved to make them more attractive. The bus, train and tram services are being integrated together as part of a comprehensive plan so they are even easier for the public to use.

Why is Public Transport so important?

People need to travel as a normal part of their daily lives, consequently there will always be a role for public transport locally because:



there are those who cannot drive



there are those who cannot afford a car



there are those who prefer to avoid driving in the busy towns and city



the family car may be being used by someone else



for young people it is one of the first means to travel independently

The pack offers teachers a flexible resource to teach about local transport issues using 40 different photocopiable activity sheets. All the sheets can be used independently and ideally, with other GMPTE timetables, maps and leaflets.

Aims of the Pack

This education pack seeks to support teachers and help teachers to:



understand the function, services and facilities offered by GMPTE.



undertake local case studies in towns where public transport developments are taking place within Greater Manchester.



demonstrate how pupils can use public transport services properly and highlight some of the problems caused by young people using the services.



support and extend the partnership between GMPTE and local schools.

The structure of the pack

The pack contains tasks sheets providing information for pupils to work through and worksheets which pupils can complete. Teachers are invited to select appropriate sheets or parts of sheets to “customise” for their own use. The pack has 4 sections

Section 1 The facilities and services of GMPTE
Task sheets and Work sheets 1 - 5



Section 2 Local case studies showing developments in public transport and the skills needed to use public transport.
Task sheets and Work sheets 6 - 17



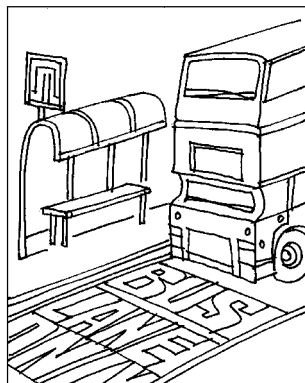
Section 3 Solving traffic congestion and common problems caused by young people using public transport
Task sheets and Work sheets 18 - 19



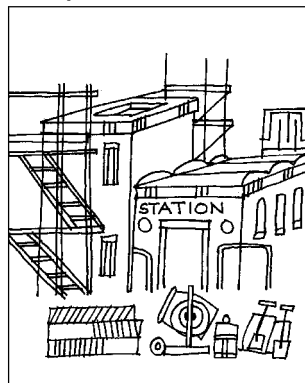
Section 4 The future for public transport
Task sheets and Work sheets 20



New Bus Lanes



Improved Train Stations



New Metrolink Tram Services



Starting points with the pack

- Look at the scheme of work on pages 4 and 5 and select relevant Key Questions for your own needs.
- Introduce initial classroom activities like brainstorming, spider diagrams or photographs to determine what pupils already know about local transport in their own area.
- Carry out a survey of pupils' perceptions of using public transport to see if they regard it to be important. This is useful for evaluating stereotypical images and feelings about the car and public transport services.
- Ask the pupils to describe their experiences of using public transport recently, highlighting good and bad points.

Key Questions		Lesson Objectives / Activity	Other Resources
TS1 C	What is GMPTE?	Copy the GMPTE map and collect information about GMPTE.	Leaflets, timetables and the Network map.
TS2 C/E	Why are public transport services vital to local people?	List reasons why people make journeys. Draw a table to show facts about the local area and public transport services.	Produce a class questionnaire on travel habits.
TS3 E	How are public transport services organised in Greater Manchester?	List the activities of GMPTE and complete a diagram to show the function of public transport.	Refer to GMPTE's 5 year plan and the GMPTE booklet, 'Passenger Transport in Greater Manchester'.
TS4 C	What makes travelling by car so popular in Greater Manchester?	Rank the advantages and disadvantages of using the car. Draw a graph of how journeys are made in Britain.	Conduct a survey of car ownership.
TS5 E	How are public transport services planned?	Read a table to highlight car ownership variations in Greater Manchester. List the ways local transport services are planned.	Use local road maps to show the highway system around Greater Manchester.
TS6 C	Why is Manchester a major city?	State the four transport phases and factors that have favoured the city's growth.	Look at regional maps to show the site and situation of Manchester.
TS7 C	Has Manchester a land use pattern?	Draw a simple land use map and link it to transport development.	Look at the regional road pattern and the train network maps.
TS8 C	What are the features of a town centre?	Describe the common features found in a town centre.	Look at any local town centre map, available from the council or tourist office.
TS9 C/E	What is Metrolink?	Describe the features of the Metrolink system and a Metrolink interchange.	Study the Metrolink information leaflet and map of the Metrolink system.
TS10 C	How do people travel from rural areas to the town?	Explain why bus services in rural areas are less frequent than in the towns.	Obtain bus timetables for rural places and urban centres to compare service availability.
TS11 C/E	What is a local settlement hierarchy?	Explain the term settlement hierarchy and apply the idea to a local example.	Use local census figures for your area to illustrate the idea of settlement hierarchy.
TS12 C/E	How are local towns regenerating themselves?	Explain the term urban regeneration and show how it is linked to public transport.	Study information from the local planning department to illustrate recent regeneration activities.
TS13 C	Why do commuters travel mainly in the rush hours?	Consider the reasons that cause rush hour traffic and draw a graph to show the daily changes in traffic flow into a local town.	Study a local map to plot the settlements where many commuters live in Greater Manchester.
TS14 C	What is a market town?	Show the link between transport provision and the growth of a market town.	Use local information to 'timeline' the history of your local town having a market function.
TS15 C	How is the local town centre changing?	Describe the features and benefits of town centre pedestrian areas in attracting local shoppers.	Use photographs of the local town centre to study pedestrianisation and shopping centres.
TS16 C	What features make a town a heritage centre?	Report the major industrial developments for the local town and map famous landmarks to show its history.	Use local tourist information leaflets to support local town history research.
TS17 C	Are out-of-town shopping centres the way forward?	Describe the effects of out-of-town regional shopping centres on local towns.	Contact regional shopping centres like the Trafford Centre for information.
TS18 C/E	How can road traffic problems be solved?	List the methods that can be used to reduce traffic congestion.	Ask the local council for details of any schemes that help to encourage people to use their cars less.
TS19 C/E	Why does using the bus make towns better places to live in?	Provide reasons to explain the dangers of car exhaust pollution and list the ways bus services have been improved.	Organise a class visit to a local bus station or photograph it to show how people travel locally by bus.
TS20 C/E	How can buses offer a better public transport service?	List the methods to improve bus services in the future. Debate if cars should be banned from town centres.	Ask GMPTE to provide details of public transport improvements being planned for in your local area.

C = Core tasks at level 4

E = Extension tasks at level 5

Key Questions		Lesson Objectives / Activity	Other Resources
WS1 C	What is public transport?	Define and sort different forms of public transport.	Collect pictures of different forms of transport.
WS2 C	What services does GMPTE co-ordinate?	Classify and compare different forms of public transport.	Conduct a classroom survey of pupils using public transport.
WS3 E	Where are Greater Manchester public transport facilities?	Compare the 10 local district populations and the available public transport services.	Use census data available from the library or from Greater Manchester.
WS4 C	Why does GMPTE need to promote public transport?	Compare passenger journey graphs and state the trends observed	Use GMPTE's 1986-96 Statistical digest, Trends and Statistics.
WS5 C	Why does using public transport help lower air pollution?	Design a poster to promote bus travel and lower air pollution.	Research data to show the pollution levels for road vehicles.
WS6 C/E	How did public transport help Manchester to grow?	Describe the pattern of urban growth in Manchester in terms of public transport routes.	Look at the 'time line' in GMPTE's publication, 'Public Transport 1898-1998'.
WS7 C	Why are there so many stations in Manchester's city centre?	Label key features on the City Centre Map.	Use copies of the City Centre Map, available from GMPTE.
WS8 C/E	What is the Greater Manchester Network Map?	Identify and locate the main features of a typical town centre.	Obtain a copy of GMPTE's Network Map for classroom use.
WS9 C/E	Which town centres will be connected by expanding the Metrolink system?	Mark on a map the future routes for the Metrolink tram system. Debate the issues of building the new Metrolink routes.	Obtain from GMPTE, 'The Metrolink 2000 Expansion' booklets.
WS10 C/E	How do bus timetables help when planning a journey?	Use a bus timetable and a 24 hour clock to work out departure and arrival times of bus services.	Obtain local bus timetables to show how bus services are planned and run to time.
WS11 C	What fares and tickets are available to young people using public transport?	Compare the different types of tickets available to young people.	Collect different types of tickets for class discussion and refer to the 'Aged under 16' - fares booklet
WS12 C	How has your area been changed to keep traffic moving?	Mark on a local map the different types of transport methods used to keep traffic moving.	Obtain a large scale map of the school area from the library or council offices.
WS13 C/E	How does road traffic affect the environment?	Carry out a traffic survey for different local places at different times of the day to show the impact of traffic.	Mark on the safer routes to school and the traffic danger black spots.
WS14 C	Why are bus shelters necessary in Greater Manchester?	Construct a climate graph for Manchester. Link local weather conditions to the need for bus shelters.	Obtain local climatic data to show seasonal variation in weather and its impact on movement & transport.
WS15 C	What is a train Commuter Card?	Produce a daily diary for a train commuter. Use a commuter card to find out information.	Train commuter cards are available from GMPTE for many different train stations.
WS16 C/E	How do I plan a day out using public transport?	Plan a trip to a local place of interest using public transport.	Collect tourist information leaflets of local places and refer to the information services.
WS17 C	How can young people cause safety problems on a bus?	List the effects of bad behaviour on buses and how they can be prevented.	Obtain a copy of the 'A Parent's Guide to School Bus Services' leaflet from GMPTE.
WS18 C	Why must everyone keep off the railway tracks?	Highlight the dangers of railways and fast moving trains.	Use a safety video to illustrate the dangers of the railways.
WS19 C	Is vandalism a problem on public transport services?	Promote the idea of a Travel Code when using public transport.	Use GMPTE's 'A Parent's Guide to School Bus Services' booklet with this topic.
WS20 C	What will the future be like for road users?	Predict the types of changes that need to take place if road traffic is to be sustainable.	Collect ideas from research to show ways forward when travelling in the future.

C = Core tasks at level 4

E = Extension tasks at level 5

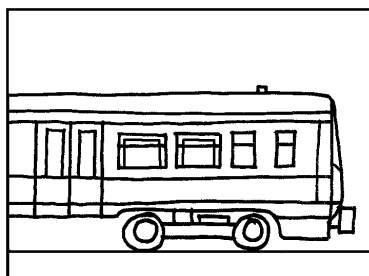
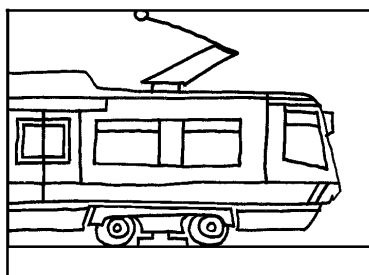
This pack is about local public transport developments and issues. GMPTe has produced a range of maps, timetables and leaflets for the general public that could be used as classroom resources to illustrate some of the activities mentioned in this pack.

When studying public transport with young people, always place great emphasis on the importance of personal safety, referring to these rules:

1. Always tell your parents where you are going and when you will be returning.
2. Travel with a responsible person whenever you can.
3. Never talk to strangers, especially if you are on your own.
4. Use the Green Cross Code to be safe on the roads.

Books for the Library or classroom display			
The Green Detective: On the Road	John Baines	Wayland	1-7502-0193-2
How Green are you?	David Bellamy	Frances Lincoln	0-7112-0661-9
Transport	Mark Lambert	Wayland	0-7502-0752-3
The Urban Environment	Jenny and Malcolm Massey	Franklin Watts	0-7496-0655-X
Things That Go	Rosie McCormack	Kingfisher	0-7534-0141-X
Transport - Landmarks	Ian Wolseley	BBC	0-563-34794-5

For further information about local public transport services contact



GMPTe

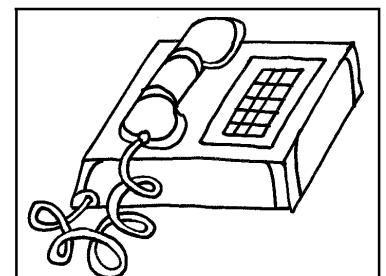
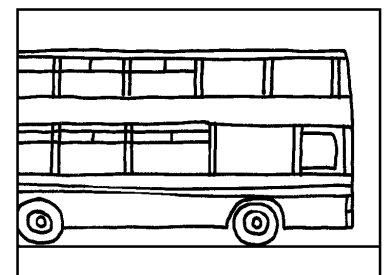
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For local bus, train and Metrolink information
Telephone
0161 228 7811