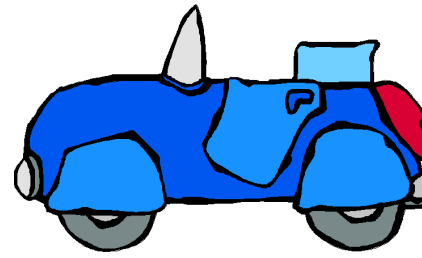




## Bears on the move - KS1 Challenge Sheet

Our bears need transport! Can you make a vehicle for them? Where will they sit? How will they get in and out? How will the vehicle move? Can you make it go around corners? Does it need a horn or lights?



### ***Educational objective***

To provide an opportunity for problem solving, decision making and cooperative learning.

### ***Approach***

Whole class discussion about the sort of vehicle that would be required to transport the bears - will the bears sit side by side, one in front of the other etc? Group activity with the children working in pairs to construct a vehicle for their bears.

### ***Specific skills to be developed***

Manipulative, designing and making skills, social and problem solving skills.

### ***Cross-curricular links***

Science and Design & Technology

### ***Ideas for extension activities***

The use of different vehicles for different purposes, travel through the ages.

### ***Equipment we will provide:***

boxes of K'NEX

Teddy bears

K'NEX wheels

### ***Subject skills / Desirable outcomes***

Structures  
Mechanisms  
Designing skills  
Making skills  
Shape, space & measure

### ***Life skills***

Innovation skills  
Problem-solving skills  
Team working skills  
Communication skills  
A 'can-do' approach