

MY NEW

**SCHOOL
BUS STOP
AHEAD**



THE BUS STOP OUTSIDE THE SCHOOL HAS BEEN HIT BY A CAR AND

TOTALLED!

THE CITY COUNCIL HAS ASKED US TO DESIGN THE NEW REPLACEMENT.

THIS IS WHAT THEY WANT:

- A Bus Stop to fit within the 10 x 4 meter space.
- Rain proof.
- Contain (some) seating.
- Show Bus info (digital board showing arrival times etc).
- Suitable for (mainly) secondary school students BUT, this will be a public Bus Stop and a number of older people and young mothers with push chairs will also use it.
- Must be suitable for disabled bus patrons.
- Graffiti can be a problem - this needs to be taken into consideration.
- Construction will take place during the holidays between terms 1 & 2 so as to cause the least disruption to our school, therefore construction will need to be relatively simple.
- Cost is a factor, therefore materials used should not be TOO expensive.
- Look attractive.

YOU ARE REQUIRED TO PRODUCE THE FOLLOWING:

1. IN YOUR WORK BOOKS.

- Some research - 1 to 2 pages.
- Initial ideas & sketches - 2 pages minimum.
- Freehand sketches of two or three concepts which show development of your ideas - use as many pages as you need.
- Some annotation on concept sketchers explaining why your developments are as they are, possible materials etc.

2. USING **ONE** OF YOUR CONCEPTS, ON A3 PAPER.

- 1 formal drawing - 3rd. angle orthographic.
- 1 formal drawing - orthographic projection in EITHER isometric OR oblique.
- 1 non-formal drawing (freehand - NO instruments) in EITHER 1 OR 2 point perspective.
- This drawing will be photocopied and a finished (colour) rendering will be completed over the line drawing.

THINGS TO CONSIDER IN YOUR BUS STOP:

- From which direction does the bus come?
- From which direction does MOST of the bad weather come from?
- How many people will use your Bus Stop?
- How many people will your Bus Stop hold/cover - and how many of these will be seated?
- Which direction is north, as this is the direction from which the sun will shine?
- What do people do at a Bus Stop while waiting for their bus?
- Will your Bus Stop have space for advertising posters? - the council like these as they make money by 'renting' out the space, but they have not included it in their requirements.



BUS STOP DESIGN - ASSESSMENT SCHEDULE

EVIDENCE	ACHIEVED	MERIT	EXCELLENCE
<p>INVESTIGATION/RESEARCH</p> <ul style="list-style-type: none"> <input type="checkbox"/> Site Investigation. <input type="checkbox"/> Investigation of design considerations. <p>CONCEPT DESIGN</p> <ul style="list-style-type: none"> <input type="checkbox"/> Layout Sketches showing a range of possible design solutions. <input type="checkbox"/> Evaluation/Explanatory Notes. <p>DESIGN DEVELOPMENT</p> <ul style="list-style-type: none"> <input type="checkbox"/> Freehand sketches which show development from concept ideas. <input type="checkbox"/> Evaluation/Explanatory Notes. <p>FINAL DESIGN</p> <ul style="list-style-type: none"> <input type="checkbox"/> Final Presentation Drawings. <input type="checkbox"/> Pictorial freehand sketch (rendered) of Final Design. <input type="checkbox"/> Evaluation/Explanatory Notes. 	<ul style="list-style-type: none"> • Evidence of most Design Requirement being meet. 	<ul style="list-style-type: none"> • Evidence of all Design Requirements being meet. • Has developed a solution which meets the brief. 	<ul style="list-style-type: none"> • In-depth understanding of all Design Requirements. • Has developed a solution which meets the brief in full in a creative and interesting way.
<p style="text-align: center;">PRESENTATION OF:</p> <ul style="list-style-type: none"> <input type="checkbox"/> FREEHAND SKETCHES IN CONCEPT & DESIGN DEVELOPMENTS SHOW: <ul style="list-style-type: none"> • Use of correct sketching technique. • Good proportions. • Good detail • Good presentation. <input type="checkbox"/> FINAL DESIGN Drawings show: <ul style="list-style-type: none"> • Correct use of scale. (1:50) • Drawing conventions correctly applied. • Accurate detail <input type="checkbox"/> PERSPECTIVE SKETCH <ul style="list-style-type: none"> • Good proportion • Suitable rendering technique. 	<ul style="list-style-type: none"> • Freehand sketches which show ideas. • Some rendering technique used to show final design. 	<ul style="list-style-type: none"> • Proportion and detail drawn with good sketching technique. • A good level of rendering is used. • Good use of instruments which shows most detail accurately to scale. 	<ul style="list-style-type: none"> • Proportion and detail drawn with good sketching technique which clearly shows all details of the design. • Skilful rendering showing all features in a creative & interesting way. • Accurate use of all instruments which show all detail of design drawn to scale.