



Issue 5 - 11<sup>th</sup> June 2004

### URGENT NOTICE - Permission Letters

We **NEED** your letters **URGENTLY**, we only have 1 week to go until the celebration day, and we are still awaiting a few letters.

For those worried about the Live web broadcast mentioned in last weeks Newsletter, this will NOT be an open access site, but will be for the schools involved to log into and see what is happening. The plan is for two half hour slots during the day. (Media Player needed on PC's to run the Webcast). The video being produced is designed for LEAs, and other schools both UK and around the world, who may want replicate the project. The Video will be focusing on one Team, Ridpool and Tibberton School, input from other schools will be in the background. If we do not have Permission letters from Schools, it is the each school's responsibility to ensure that their pupils do not stray into areas where filming is taking place.

#### START DATES

I can't believe that 7 schools have not started yet!  
Please let me know. Thanks

If your local paper is covering the event, please let us know

**Disability Expert** - Sorry there was an error on the email address, I have corrected it. If you would like to email Beckie to ask a question about her father's visit, and any problems he had, please email [beckiepal@yahoo.co.uk](mailto:beckiepal@yahoo.co.uk) and copy [josephine.jones@uce.ac.uk](mailto:josephine.jones@uce.ac.uk)

#### Celebration Day 22<sup>nd</sup> June 2004 Amended Programme

10.00	Enginuity Opens
10.30	Team Room Opens
11.00	Introduction to the Day
11.15	Judging Commences, (individual timetables)
2.45	Bridge and Buggy Strength test
3.15	Prize Giving
3.45	Depart for Schools

#### ***Any more Team Names out there!***

1	Ridpool - Tibberton
2	Grange Farm- St John the Baptist
3	Manor Way - Mordiford
4	Five Ways to Perryfields
5	Haslucks Green - Blue Coat
6	Up and Over the Brook
7	Comberton Middle - Sutherland Primary

Don't forget to email Josephine with your Team Name.

Judging criteria will be posted on the Website on the Tuesday (15<sup>th</sup>), so if you want to know what they are looking for, log on.

Still looking for more input from Schools. Email any suggestions to [josephine.jones@uce.ac.uk](mailto:josephine.jones@uce.ac.uk), and don't forget to keep checking your emails and the website [www.wmnet.org.uk/mycommunities/](http://www.wmnet.org.uk/mycommunities/)



## Design

### I.D.E.A.S.

- Have you been able to ask anyone with physical disabilities about your work?



## Making

- Don't forget temporary fixings are good. Once you've glued, it is very hard to make any changes.



## ICT

- Don't forget Chris Howles is available to help with ICT concerns

## Ask the Expert

Please encourage the children to email their questions to Ask the Expert.

### Buggy Question

**Question** We are having terrible trouble with our mechanisms. When we look at it and test it upside down it works, but when we try it on the floor it doesn't work - do you know of anywhere that we can research this so that we can do a better job? Layla and Daisy from Manor Way

**Answer** 1. You have a loose electrical connection.  
2. You have your gearing / pulley ratio wrong.  
3. Check your gears / pulleys are glued to the axel.  
4 Check your wheels and axles turn smoothly and there is no friction caused by parts rubbing.

Does it work the right way round before you put it on the ground?

Is the motor still working when you put it on the ground - but the buggy not moving?

*A fuller answer is available on the website.*

### Bridge Question

**Question:** We are Group 5 and we need to know if you make the decking too heavy and then attach it to the end of the bridge (TOWER) does it weaken it  
St John the Baptist School

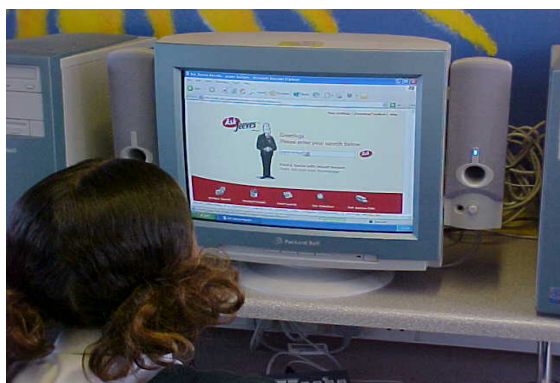
**Answer** Heavy Decking Question from Group 5:  
1 The heavier the decking the stronger the supporting structure needs to be.  
2 Joints need to be compatible with the strength required. Therefore with heavier decking this requires a stronger structure so stronger joints are required.

So the answer to the question is: Yes, as if heavier decking is used then the other components of the bridge need to be designed to cope with this increased weight, else they will not be strong enough, unless they were over designed in the first place.

The answers were quite long so check out the website for the full answers

If you have a question, simply email [crossoverexpert@wmnet.org.uk](mailto:crossoverexpert@wmnet.org.uk) and your query will directed to an expert who will email back with advice. This question and answer will then appear on the website [www.wmnet.org.uk/mycommunities/](http://www.wmnet.org.uk/mycommunities/). We welcome questions from both teachers and children.

## FIVE WAYS to PERRYFIELDS at work (Perryfields Shown)



### CROSSOVER COMMUNITY WEBSITE

If you have not joined, why not, you may find some useful information. [www.wmnet.org.uk/mycommunities](http://www.wmnet.org.uk/mycommunities) If you need help logging on, contact Josephine or Chris Howles.