

## Maths Week Competitions and Maths Trail

20<sup>th</sup> January 2012

Dear Parents,

### **Math Week Competitions:**

As part of our upcoming Maths Week we will be holding three whole school competitions in which we hope you and your child/children can work together to find the required outcomes. Each of the competitions is based around the theme of estimation and probability.

- Competition 1: Children are asked to select the lowest whole number possible that they estimate to have the least likely chance of being repeated by another entrant. *(Example: 3 people enter, A selects 2, B selects 2 and C selects 5, C wins as their number, whilst not the lowest, is not repeated).*
- Competition 2: Guess the combined age of the class teachers (Mrs Williams, Mrs Wilson, Miss Hoare, Miss Stokes, Miss Boon, Mr Bennison, Miss Helm, Mrs Afzal, Mr Hyde, Mrs Ashby, Miss Jefferies and Miss Smith).
- Competition 3: Find the longest carrot (measured from tip to crown!) or the heaviest potato. Children enter **one** of the aforementioned having measured or weighed the vegetable concerned. They need to consider the probability of whether their vegetable is the longest or heaviest.

To enter any or all of the competitions children need to complete the relevant attached entry form and return them to me by Wednesday 25<sup>th</sup> January 2012 by the end of the school day, together with the relevant vegetable for competition 3 (clearly labelled as to who it belongs). Late entries will not be accepted. Winners will be announced in assembly on Friday 27<sup>th</sup> January 2012.

### **Maths Trail:**

As part of the Family Fun Maths Day there will be a Maths Trail inside and outside of the school building. With this in mind please could I ask that you ensure your child/children come to school with suitable attire in case of inclement weather (coat/hat/gloves/boots or wellingtons).

Thank you in advance.

Jonathan Hyde  
Maths Subject Leader

Competition entry forms:

**Competition 1:**

Choose the **lowest whole number** that you think will not be repeated by other entrants:

Name: \_\_\_\_\_ Class: \_\_\_\_\_

My chosen number is:

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Return to Mr Hyde in 4JH by end of the school day on Wednesday 25<sup>th</sup> January 2012.

**Competition 2:**

What is the **combined** age of the following teaching staff:

Mrs Williams, Mrs Wilson, Miss Hoare, Miss Stokes,  
Miss Boon, Mr Bennison, Miss Helm, Mrs Afzal, Mr Hyde,  
Mrs Ashby, Miss Jefferies and Miss Smith

The combined staff age is:

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Return to Mr Hyde in 4JH by end of the school day on Wednesday 25<sup>th</sup> January 2012.

**Competition 3:**

I have chosen to enter the following (please tick which one):

Longest carrot competition [     ] ]  
Heaviest potato                   [     ] ]

The length/weight of my  
carrot/potato is:

(Ensure you include an  
appropriate form of measure -  
cm/mm/kg/g)

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Return to Mr Hyde in 4JH by end of the school day on Wednesday 25<sup>th</sup> January 2012.