

## **Additional information about the Pupil Entitlement Model**

The Model was developed by East Riding of Yorkshire Council in association with the Secondary Heads Association in that area. It has been 'adopted' by the f40 Group.

The funding model has a number of essential numbers as follows:

- Pupil Roll per sector
- Working Funds
- Costs per pupil for all net expenditure excluding teachers (E01)
- Average teacher cost.

The user can enter a Pupil Teacher Ratio (PTR) in order to calculate the cost of operating at this level, and compare this with the funding input.

The user can also input a detailed analysis of teaching staff and / or curriculum details to generate a PTR. The cost of operating at this PTR is then calculated and compared to 'Working Funds'.

The model's basic role is that it looks at funding and compares it to 'need' based on a number of financial and curriculum parameters. One, or many of the parameters can be changed to achieve the desired result.

The model is interactive, in that financial and curriculum parameters can be changed to produce the desired result and that it enables the user to cost out a number of scenarios with relative ease.

### **Scenarios**

#### Option 1

Enter current actual data for pupil roll, revenue funding, costs per pupil and average cost of a teacher.

Enter a number of PTR's and compare the difference e.g. enter current LEA PTR compared with regional PTR and/or the England PTR.

#### Option 2

If the LEA is to operate at a chosen PTR, what percentage does funding need to increase/decrease by to enable a balanced budget to be achieved?

Or, what if the funding level used was as per that received by a neighbouring or benchmark LEA?

The funding sheet will allow the user to inflate/deflate any amount of funding as is deemed appropriate.

#### Option 3

Or, if your LEA is to operate at a chosen PTR, what costs need to increase/decrease to enable a balanced budget to be achieved? The 'Costs per Pupil' sheet will allow the user to inflate/deflate any costs as appropriate.

#### Option 4

By inputting current funding, pupil costs, teacher costs and an appropriate PTR the user can see the effect of any pupil roll changes that the LEA feels are due. The 'Costs per Pupil' sheet will allow the user to inflate/deflate pupil rolls as appropriate.

#### Option 5

Amending the average teacher cost together with the cost per pupil for support staff may help in establishing the cost of work force reform. These figures can be changed in the 'Cost per Pupil' sheet.

#### Option 6

Excluding the carry forward funding will show whether the schools can achieve a balanced budget with 'in year' funding.

#### Option 7

Input curriculum details for each school sector, e.g. Primary, Secondary etc, together with teaching contact time data. This will calculate a PTR and its associated cost. Compare the cost of operating in this way with operating at any other chosen PTR.

#### Option 8

Calculate what curriculum data needs amending to achieve a balanced budget? For example, what happens if, in the primary sector, no class has more than 30 pupils, or what happens if year groups are merged into a maximum of 40 pupils.

#### Option 9

What teaching data needs amending to achieve a balanced budget? For example how many hours does a 'classroom' teacher need to teach to balance the budget (taking PPA into account). Can secondary/middle schools afford to employ additional teaching resources to cover 'inclusion' or 'special needs' etc.

#### Option 10

What percentage, if any, can the schools in total hold back as 'contingency', and still achieve a balanced budget?