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| Numeracy Newsletter 4 |
| S1/S2 January Numeracy Puzzle |
| S3/S4 January Numeracy Puzzle | December Numeracy Puzzle winners are Nathan in 3A2 and Lewis in 1P1. |
| Remember all S1/S2 pupls have a sumdog login. Please encourage them to use it at home. | Thought for the day/Benchmark of the monthRounding decimal fractionsLevel 2Must be able to round to up to two decimal places.Level 3Round to three decimal placesLevel 4 Rounds to a specified number of significant figures. |
| Education ScotlandOn the 23rd of January -Key messages* In many schemes of work what is missing is the application of learning- this is where holistic assessments are useful.
* Assessment should be planned when a block of work is organised.
* You don’t need to assess every benchmark but major organisers should not be missing.

Evidence gathered to show whether or not a pupil has achieved a level could come from:* Observing day to day learning from within/outwith the classroom
* Coursework
* Learning conversations
* Planned periodic assessment
* Information from Scottish National Standardised assessments.

It was suggested that staff should keep pupils jotters as they were a good source of evidence. I am not sure how practical that would be. |
| Education Scotland judges whether or not holistic assessments are good by asking the following questions:* Do the E’s and O’s link concepts appropriately?
* Are they taken from a range of organisers?
* Is the question at an appropriate level?
* Does this question enable the teacher to gather evidence of learning against the E’s and O’s?
* Will the question require the learner to draw on a range of learning?
* To what extent does the question promote higher order thinking skills?
* Are breadth, challenge and application evident?
* Does the learner evidence meet the requirements of the question?
* Is feedback appropriate?
* Would it be helpful to the learners?
* Are the next steps appropriate and do they consider progress, breadth, challenge and application?

 I thought that it was important that I passed on what I had learned from my work with the National Improvement Framework.  |
| If you have any questions about numeracy please come and see me*.*  *Maureen Fletcher* |