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Resources

## New Academic Year Resolutions for (Maths) Teachers

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This year I will ....



The image shows a banner for the Evernote website. At the top left is the Evernote logo. To its right are navigation links: PRODUCTS, BLOGS, and THE TRUNK. Further right are user options: Web Sign In, Create Account, and Go Premium. The main headline reads "Remember everything." Below this, three columns illustrate the product's features: "Capture anything" (with icons for email, voice, and a laptop showing a report), "Access anywhere" (with icons for a tablet and a smartphone), and "Find things fast" (with an image of a document and a search bar containing "creative director"). A "GET EVERNOTE - IT'S FREE" button is at the bottom.

Organise all my ideas and resources so I can find them again!

Searching for things ...

This year I will ....



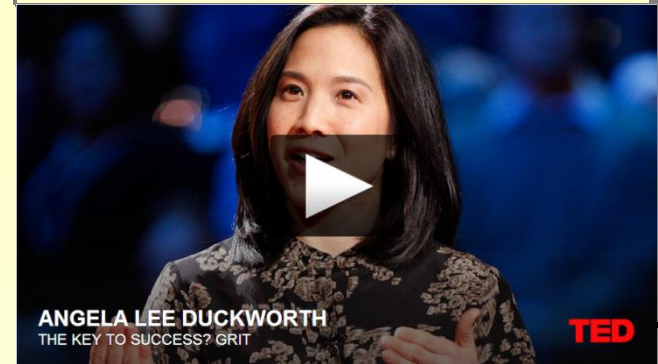
Learn all the names of the students in my classes as fast as I can!

Find out as much about my students as I can.

Good teacher /student relationships are so important.

A New School Year - Learning Names

This year I will ....



Talk to my students about being  
'gritty'!

If their attitude is right - all the  
usual expectations follow!

Expectations - Gritty Students

This year I will ....

Start lessons **promptly** and **calmly**.

Use a greater **variety** of starters.

Use starters (and plenaries and any time!) for **recall**...and hints of things to come!

By starter I mean a structured beginning to the lesson appropriate to that lesson and that class.

This year I will ....

Reread

Malcolm Swan's Improving Learning in Mathematics

Mathematics: made to measure - Ofsted

Mathematics: understanding the score - Ofsted

Reading

This year I will ....

Use a good **variety** of activities.

Try some **new** resources.

I'm Looking For ....

This year I will ....



Ask **great questions**.

Pose questions which require higher order thinking skills.



This year I will ....

Integrate **rich tasks** into my normal classroom practice.

Rich Tasks

This year I will ....

Help my students to **recall** information.

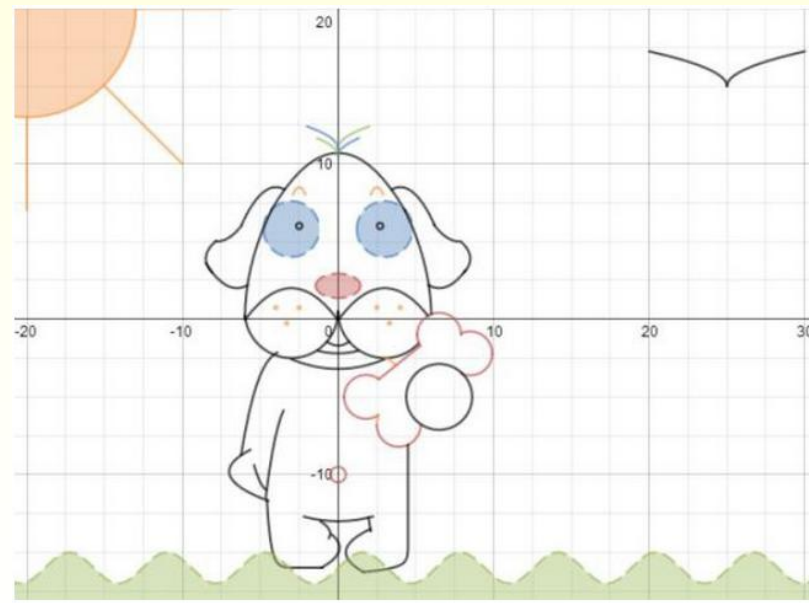


*image courtesy of digitalart /  
FreeDigitalPhotos.net*

Highlighting is a waste of time!

This year I will ....

Keep on using resources that students can then use at home.



*Francesco Bondi's art work on Desmos. Click the image to see the graph on Desmos.*

[Top >10 Maths Websites for Students](#)

This year I will ....

Use technology more where it can enhance learning, eg for collaboration.

Digital Tools

This year I will ....

Finish my lessons well! ~~Plenary~~

By that I mean a structured end to the lesson appropriate to that lesson and that class.

Plenaries

This year I will ....

Use a greater **variety of homework activities**. For example:

- Set questions with solutions and mark schemes
- Prepare ahead
- Revise and Recall
- Rich Tasks
- Use Online Resources
- Vocabulary
- Reflective Writing
- Collaborate online
- Do two!

Homework Ideas

This year I will ....

Give my students **clear and frequent feedback**.

The most powerful single modification that enhances achievement is feedback. The simplest prescription for improving education must be "**dollops of feedback**".

Hattie, J.A. (1992). Measuring the effects of schooling.

Australian Journal of Education

Feedback   Progression

And for your students ....



Happy New Academic Year