Learning and Teaching Mathematics!

Ideas for Revision:

Mixing revision up a little can increase pace and increase engagement. There are lots of different resources out there and I'll keep sharing but here's a few to start. Please do share the activities you're doing; there's lots of great things happening in classrooms and it'll save time with searching for fresh activities.

http://www.mrbartonmaths.com/gcsetakeaway.htm Links to videos and questions. Why not consider flipped learning and ask students to watch the video of a topic before a lesson?

http://corbettmaths.com/5-a-day/ 5 A Day: regular (daily) practice for little and often; answers are provided.

http://www.m4ths.com/uploads/3/2/7/4/3274186/253.pdf An activity to tackle misconceptions

https://mathsteaching.wordpress.com/gcse-higher-level-revision-starters/ Quick starter questions for the first episode of a lesson

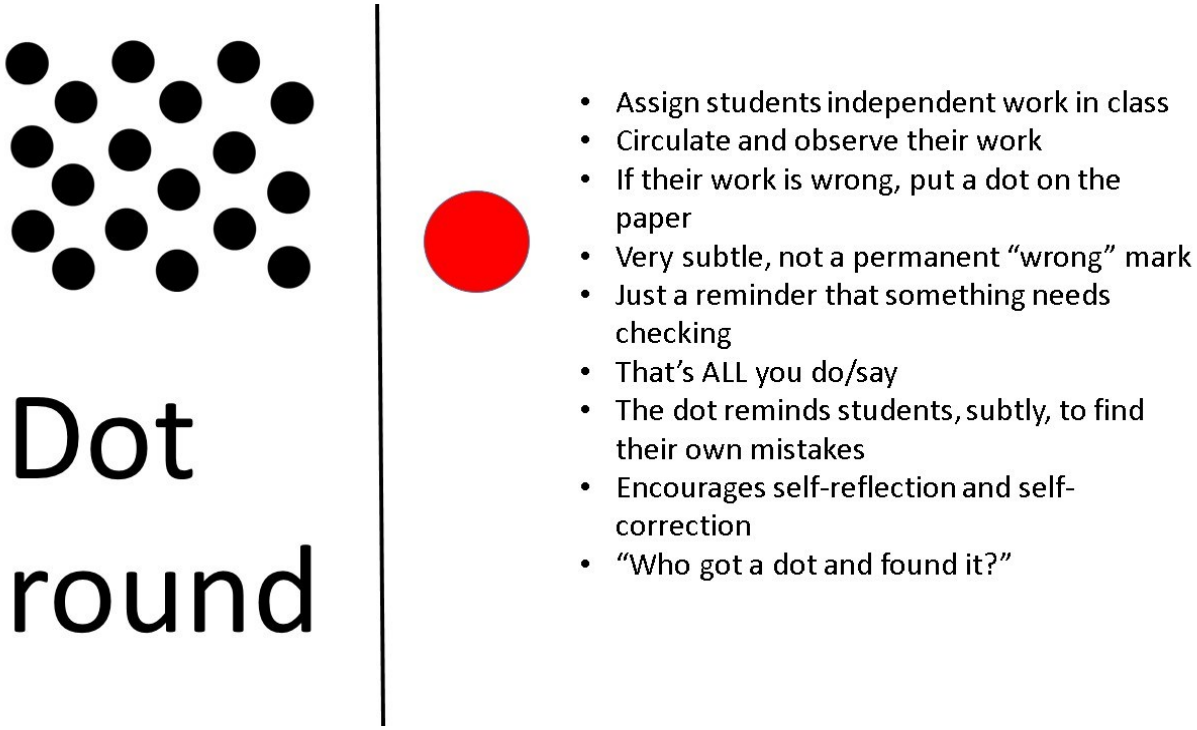
http://www.slideshare.net/mymathspages/gcse-foundation-revision-quiz A foundation GCSE maths quiz

Homework resources:

There are some great take away homeworks on the link below. It's a shared endeavour by teachers on twitter but you may find some useful: http://prethomework.weebly.com/

AfL activities:

Dot Round, an idea which came from @Doug_Lemov's post 'Has Anyone Tried a "Dot Round"?' and also featured in @LearningSpy's post "Marking is an act of love". The feedback method is described in Dan's slide below. I think this could work really well in maths. (Source: http://www.resourceaholic.com/2014/10/gems10.html)



True or False

http://bimblesgloopsandflobs.blogspot.ca/2014/10/10minwin-true-or-false-board.html

@amyjscudder shared her interactive display for tackling misconceptions in this blog post. It works like this: create a true/false board in your classroom and stick a statement on it that represents a common misconception. Underneath the question are two small whiteboards - one for students to write their name if they think the statement is true, the other for students who think the statement is false. What I like about this idea is that students can easily switch their answer from one board to the other if they learn something that changes their mind. At the end of the week the answer is revealed and discussed. Helpfully, Amy's post provides some example statements to get you started. (Source: http://www.resourceaholic.com/2014/10/gems10.html)