National Numeracy and Mathematics Progression Framework

Supporting Professional Dialogue on Progression

It is important that all staff have a sound understanding of progression across the broad general education in numeracy and mathematics.

The [National Numeracy and Mathematics Progression Framework](#) has been produced to support staff to have deeper understanding of progression within the experiences and outcomes.

These sort cards can be used to promote professional dialogue about progression in numeracy and mathematics.

For each of the numeracy and mathematics organisers there are a set of cards showing:
1.) The key milestones within each progression pathway.
2.) The building blocks within each of the key milestones.

An effective professional learning activity is for staff to be given a set of milestone cards for one of the numeracy and mathematics organisers e.g. Money. In groups, they should then discuss and decide on the order for the progression pathway, reflecting on current classroom practice. After the progression pathway has been identified, then the group can organise the building block cards to show which of the milestones they each refer to.

This activity is suitable for all staff across an establishment or learning community/cluster to do together. The involvement of staff from across the learning community/cluster is particularly useful as this can help to develop a shared understanding of progression within numeracy and mathematics.

The online resources can then be used to support planning for learning, teaching and assessment within mathematics and numeracy across learning. Clicking on each milestone leads to information explaining why that milestone is important and what the building blocks within that milestone are.

Some milestones e.g. estimation and rounding, do not include building blocks due to the holistic nature of these skills.

The learning comes from the professional discussion around ordering the cards. This will support understanding of standards and progression.