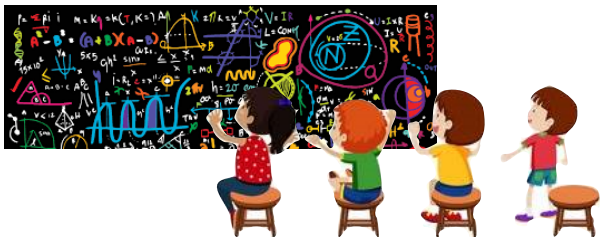


Developing Number Sense in the classroom

- Pupils effort, ideas, and strategies should be consistently recognized and praised
- Tasks offered should be mathematically rich in reasoning opportunities, allowing different approaches and visuals
- Students use and share different ideas, visuals and methods and showing ownership of those e.g. 'my method'...
- There should be depth, creativity, visuals and an atmosphere of 'wow' rather than we've got to cover...
- Explore real life applications
- Use found and purchased manipulatives
- Connections between ideas, methods, and representations should be highlighted and explored through visuals, movement, and creativity
- Mistakes should be valued, students should feel comfortable sharing even if unsure
- Questions should be open and encourage multiple methods, ways of seeing and thinking
- Students collaborate and build off each other's ideas and all students are involved
- Assessment is used formatively - e.g. verbal, written, and ongoing feedback on specific learning goals. Revisions are encouraged.



To support development of number sense, staff must fully understand what it is and how it impacts on the development of skills to enable students to be confident mathematicians and problem solvers.