

## DfE Fundamental Numeracy and Literacy Skills

Before being recommended for QTS towards the end of the ITT year, trainees must be able to demonstrate competence in the areas detailed below. To ensure that trainees have opportunities to address any weaknesses in literacy and numeracy which manifest over the initial training year, mentors and trainees will reflect on these summative requirements formatively as part of periodic placement reviews.

Literacy	Numeracy
<b>Speaking, Listening and Communicating</b>	<b>Data and Graphs</b>
<p>Speaking, listening and communicating are fundamental to a teacher's role. Teachers should use:</p> <ul style="list-style-type: none"> <li>● standard English grammar</li> <li>● clear pronunciation and vocabulary relevant to the situation to convey instructions, questions, information, concepts and ideas with clarity.</li> </ul>	<p>Teachers should use data and graphs to:</p> <ul style="list-style-type: none"> <li>● interpret information identify patterns and trends and draw appropriate conclusions</li> <li>● interpret pupil data</li> <li>● understand statistics and graphs in the news, academic reports and relevant papers.</li> </ul>
<b>Reading</b>	<b>Mathematical Calculations</b>
<p>Teachers should:</p> <ul style="list-style-type: none"> <li>● read fluently and with good understanding.</li> </ul>	<p>Teachers should be able to complete mathematical calculations fluently with:</p> <ul style="list-style-type: none"> <li>● whole numbers</li> <li>● fractions</li> <li>● decimals</li> <li>● percentages</li> </ul>
<b>Writing</b>	<b>Solving Mathematical Problems</b>
<p>Writing by teachers will be seen by colleagues, pupils and parents and, as such, it is important that a teacher's writing reflects the high standards of accuracy their professional role demands. They should write:</p> <ul style="list-style-type: none"> <li>● clearly</li> <li>● accurately</li> <li>● legibly</li> <li>● coherently</li> <li>● using correct spelling and punctuation.</li> </ul>	<p>They should be able to solve mathematical problems using a variety of methods and approaches including:</p> <ul style="list-style-type: none"> <li>● estimating and rounding</li> <li>● sense checking answers</li> <li>● breaking down problems into simpler steps</li> <li>● explaining and justifying answers using appropriate language.</li> </ul>