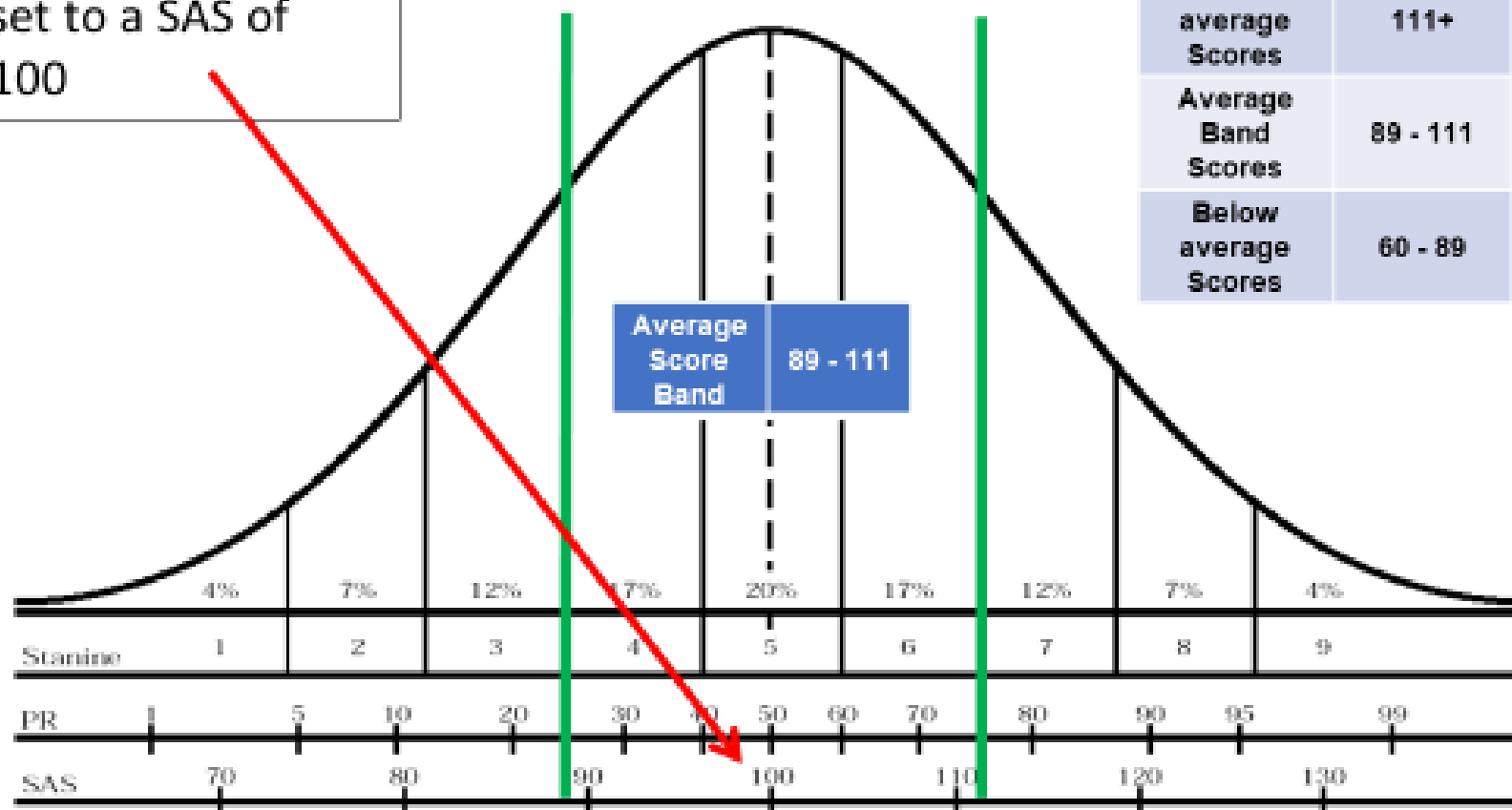


# A standardised distribution of scores

The 'average' is set to a SAS of 100



Distribution Band	SA Scores	Percentage of students
Above average Scores	111+	23%
Average Band Scores	89 - 111	54%
Below average Scores	60 - 89	23%

## Glossary of statistical terms

The **Raw Score (RS)** is the total number of questions a student has answered correctly.

The **Standard Age Score (SAS)** is the most important piece of information derived from *standardised assessments*. The SAS is based on the student's raw score, which has been adjusted for age and placed on a scale that makes a comparison with a nationally representative sample of students of the same age across the UK.

The average score is 100. The SAS is key to benchmarking and tracking progress and is the fairest way to compare the performance of different students within a year group or across year groups.

The **National Percentile Rank (NPR)** relates to the SAS and indicates the percentage of students obtaining any particular score. NPR of 50 is average. NPR of 5 means that the student's score is within the lowest 5% of the national sample; NPR of 95 means that the student's score is within the highest 5% of the national sample.

The **Stanine (ST)** places the student's score on a scale of 1 (low) to 9 (high) and offers a broad overview of his or her performance.

The **Group Rank (GR)** shows how each student has performed in comparison to those in the defined group. The symbol = represents joint ranking with one or more other students.

**Confidence band** Performance on a test like *CAT4S* can be influenced by a number of factors and the **confidence band** is an indication of the range within which a student's score lies. The narrower the band, the more reliable the score. This means that 90% confidence bands are a very high level estimate.

Description	Very Low		Below Average			Average				Above Average		Very High	
Stanine (ST)	1	2	3	4	5	6	7	8	9				
Standard Age Score (SAS)	70	80	90	100	110	120	130						
National Percentile Rank (NPR)	1	5	10	20	30	40	50	60	70	80	90	95	99