PiXL Score to Sonar (ARE) Conversion Grid 2023-2024

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| Year Group |  | AP1 | | | AP2 | | | AP3 | | |
|  |  | Maths | Reading | GPS | Maths | Reading | GPS | Maths | Reading | GPS |
| 1 |  |  |  |  | 9-12 ARE (JA)  13-16 ARE + (At)  17 + GD (Ab) | 10-13 ARE (JA)  14-16 ARE + (At)  17 + GD (Ab) |  | 21-21 ARE (JA)  22 -25 ARE + (At)  26 + GD (Ab) | 12-14 ARE (JA)  15-17 ARE + (At)  18 + GD (Ab) |  |
| 2 |  | 12-18 ARE (JA)  19-27 ARE + (At)  28 + GD (Ab&Sig Ab) | 9-11 ARE (JA)  12-15ARE + (At)  16 + GD (Ab) | 9-11 ARE (JA)  12-15 ARE + (At)  16 + GD (Ab) | 29-38 ARE (JA)  39-49ARE + (At)  50 + GD (Ab) | 20-24 ARE (JA)  27-34 ARE + (At)  35+ GD (Ab) | 22-25 ARE (JA)  26-31 ARE + (At)  32+ GD (Ab) | 34-43 ARE (JA)  44-52ARE+ (At)  53+ GD (Ab) | 25-30 ARE (JA)  31-35ARE+ (At)  36+ GD (Ab) | 23-28 ARE (JA)  29-33ARE+ (At)  34+ GD (Ab) |
| 3 |  | 27- 38 ARE (JA)  39- 52 ARE + (At)  53 + GD (Ab&Sig Ab) | 13-16ARE (JA)  17-20 ARE + (At)  21+ GD (Ab) | 20-25 ARE (JA)  26-34ARE + (At)  35 + GD (Ab) | 33- 45ARE (JA)  46-59 ARE + (At)  60 + GD (Ab) | 15- 18ARE (JA)  19-22 ARE + (At)  23+ GD (Ab) | 23-29 ARE (JA)  30-35 ARE + (At)  36+ GD (Ab) | 39-51 ARE (JA)  52- 64ARE + (At)  65+ GD (Ab) | 17-20 ARE (JA)  21-24 ARE + (At)  25 + GD (Ab) | 26-31ARE (JA)  32-38 ARE + (At)  39 + GD (Ab) |
| 4 |  | 36-51 ARE (JA)  52- 73 ARE + (At)  74 + GD (Ab&Sig Ab) | 17-22 ARE (JA)  23-27 ARE + (At)  28 + GD (Ab) | 22-29 ARE (JA)  30-41 ARE + (At)  42+ GD (Ab) | 44- 60 ARE (JA)  61- 79 ARE + (At)  80 + GD (Ab) | 20- 24 ARE (JA)  25-29 ARE + (At)  30 + GD (Ab) | 27- 32ARE (JA)  33-44 ARE + (At)  45 + GD (Ab) | 52- 68 ARE (JA)  69-85 ARE + (At)  86 + GD (Ab) | 23-27 ARE (JA)  28-32 ARE + (At)  33+ GD (Ab) | 31- 38 ARE (JA)  39-47 ARE + (At)  48 + GD (Ab) |
| 5 |  | 40-56 ARE (JA)  57-80 ARE + (At)  81+ GD (Ab&Sig Ab) | 19- 25ARE (JA)  26-30 ARE+(At)  31+GD (Ab) | 26-31 ARE (JA)  32-48 ARE + (At)  49+ GD (Ab) | 49-67 ARE (JA)  68-87 ARE + (At)  88+ GD (Ab) | 23- 26ARE (JA)  27-33 ARE+ (At)  34+GD (Ab) | 32-37 ARE (JA)  38-51 ARE + (At)  52+ GD (Ab) | 58- 76 ARE (JA)  77 –94 ARE + (At)  95 + GD (Ab) | 25- 30 ARE (JA)  31- 36 ARE+ (At)  37+GD (Ab) | 36-44 ARE (JA)  45-54 ARE + (At)  55 + GD (Ab) |
| 6 |  | 40-56 ARE (JA)  57-80 ARE (At)  81+ GD (Ab&Sig Ab) | 21-27 ARE (JA)  28-33 ARE+ (At)  34+ GD (Ab) | 26-31 ARE (JA)  32-48 ARE + (At)  49+ GD (Ab) | 49-67 ARE (JA)  68-87 ARE + (At)  88+ GD (Ab) | 25-29 ARE (JA)  30 – 36 ARE + (At)  37 + GD (Ab) | 32-37 ARE (JA)  38-51 ARE + (At)  52+ GD (Ab) | 58- 76 ARE (JA)  77 – 94 ARE + (At)  95 + GD (Ab) | 28-33 ARE (JA)  34 – 37 ARE + (At)  38 + GD (Ab) | 36-44 ARE (JA)  45-54 ARE + (At)  55 + GD (Ab) |
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* ARE thresholds all set according to the latest Government scaled score doc- this will alter year on year.
* GD thresholds raised to approximate scaled score of 106 for AP1, and 108 for AP2 to give teachers a more accurate on track calculation. Other scores adjusted proportionally.
* Y1 AP3 maths scores corrected to fit with marks available on the paper.
* Y6 reading AP3 corrected so GD starts at 110 and not 113
* Year 1 thresholds need to be scrutinised at AP2
* Year 3/4/5 raw scores will need to be adjusted proportionately at AP3 if you are wishing to derive a Government scale score for each child.
* Sonar ARE codes – JA = Just At / At = Securely At / Ab = Above & Significantly Above