

## Using the Diagnostic Reading Analysis Score Calculator

The *Diagnostic Reading Analysis (DRA) Score Calculator* allows you to quickly calculate your pupil's assessment results and converts these into age-standardised scores and standardised scores, as well as reading, comprehension and single word reading ages. This data can then be written on the Pupil Record Form or can be saved in the Excel spreadsheet for your records.

The Excel workbook should be used with individual pupils and the separate tabs for Pupil Record Forms A and B means progress can be recorded and tracked. If you are using the *DRA* assessment with more than one pupil, you can save the spreadsheet multiple times in order to keep a record for each pupil you are working with. The workbook contains:

- a *Start* worksheet where you can enter the pupil information
- a *Form A* worksheet to record the pupil's results for Pupil Record Form A
- a *Form B* worksheet to record the pupil's results for Pupil Record Form B.

To minimise errors in data entry, the *DRA Score Calculator* is locked down and all data entry is automatically checked.

To navigate around the workbook, use the tabs along the bottom of the workbook.

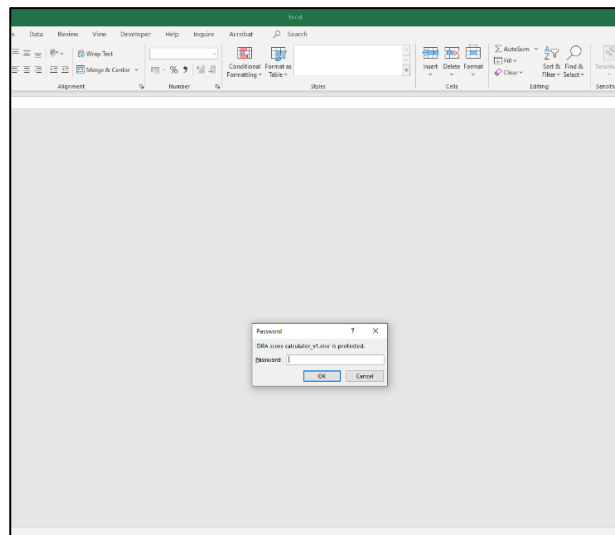
# Using the Diagnostic Reading Analysis Score Calculator

## How to use the *DRA Score Calculator*

The *DRA Score Calculator* is easy to use and can be downloaded from [www.risingstars-uk.com/dra-calculator](http://www.risingstars-uk.com/dra-calculator).

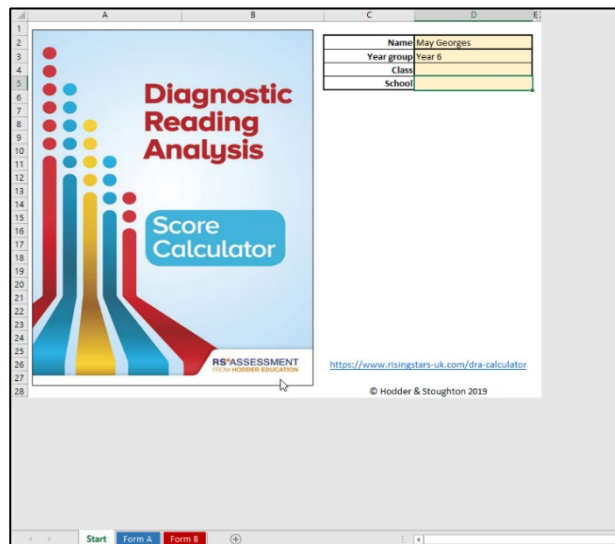
The steps below explain how to get started and how to enter pupil data. It's recommended that you save the file regularly as you add test data to it.

1. The *DRA Score Calculator* is password protected. To open the workbook, type in the password: **DRACALCULATOR**.  
Once you have opened the file, save it to a location of your choice.



2. To get started, go to the *Start* worksheet and:
  - enter the name of the pupil you have assessed
  - select their year group from the dropdown menu
  - enter their class and the name of their school if you wish.

The pupil's name and year group will then appear in both the Form A and Form B worksheets.



**In order for the *DRA Score Calculator* to work effectively, please remember to select a year group, the rest of the information on the *Start* worksheet is optional.**

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- You are now ready to enter the pupil's results from their *DRA* assessment. Select either the *Form A* worksheet or the *Form B* worksheet, depending on which assessment the pupil has done.

You only need to complete the cells that are tinted yellow, all the other cells will auto-populate depending on the information you enter and cannot be typed in.

DRA PUPIL RECORD (FORM A)					
Name	Date of birth	Test date	Chronological age (Years:Months)	Gender	Year group
May Georges			00:00	Select	Year 6
Passage listened to:		Number of listening comprehension questions correct:			
Choose Listening passage					
1st passage		2nd passage		3rd passage	
Select the passage	Select the passage	Select the passage	Totals		
Number of words in passage	0	0	0	0	0
Number of errors	0	0	0	0	0
Reading time, in seconds	0	0	0	0	0
Comprehension questions correct	0	0	0	0	0
Total number of comprehension questions	0	0	0	0	0
Total comprehension time, in seconds	0	0	0	0	0
Administration time, in seconds	0	0	0	0	0
Pupil's comprehension time, in seconds	0	0	0	0	0
Overall average comprehension processing speed per question, in seconds	0	0	0	0	0
Single word reading total	0	0	0	0	0
Age-standardised score		Standardised score			
Reading accuracy score	0	0	0	0	0
Comprehension score	0	0	0	0	0
Reading speed score	0	0	0	0	0
Comprehension Processing Speed	0	0	0	0	0
Single word accuracy score	0	0	0	0	0
Reading accuracy age	00:00	00:00	00:00	00:00	00:00
Comprehension age	00:00	00:00	00:00	00:00	00:00
Single word reading age	00:00	00:00	00:00	00:00	00:00

- First, enter the pupil's date of birth and the test date, their chronological age will then auto-calculate.

**Please remember that the *DRA* assessment is only for pupils aged 7–16 and the *DRA Score Calculator* will only generate data for pupils within this age range.**

You have the option to enter the pupil's gender by using the dropdown menu in Column E (row 3).

Check the pupil's year group is correct in column F (row 3).

DRA PUPIL RECORD (FORM A)					
Name	Date of birth	Test date	Chronological age (Years:Months)	Gender	Year group
May Georges	01/05/2009	01/11/2019	10:06	Female	Year 6

- Next, select the Listening passage you read out to the pupil using the dropdown menu, then enter the number of listing comprehension questions they got correct.

**Note:** this information does not affect anything else in the *DRA Score Calculator*, so is not compulsory, but can be useful when wanting to compare a pupil's reading comprehension with their listening comprehension.

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- You should then select the three passages the pupil read using the dropdown menus, remember that these should be the **final three** passages they completed.

As you choose a passage you will see that the 'Number of words in passage', 'Total number of comprehension questions' and 'Administration time, in seconds' auto-populate depending on which passages you select.

DRA PUPIL RECORD (FORM A)									
Name	Date of birth	Test date	Chronological age (Years:Months)	Gender	Year group				
May Georges	01/05/2009	01/11/2019	10:06	Female	Year 6				
Passage listened to:	Listening Comprehension C		Number of listening comprehension questions correct:		4				
	1st passage		2nd passage		3rd passage		Totals		
	Fiction 6	Non-Fiction 7	Non-Fiction 8		Non-Fiction 9				
Number of words in passage	50		60		60		170		
Number of errors					5		10		
Reading time, in seconds					45		135		
Comprehension questions correct					5		10		
Total number of comprehension questions	7	8	8		8		23		
Total comprehension time, in seconds					50		135		
Administration time, in seconds	23	29	24		24		76		
Pupil's comprehension time, in seconds					26		59		
Overall average comprehension processing speed per question, in seconds	-23	-29	-34		-34		-86		
Single word reading total									
	Age-standardised score		Standardised score						
Reading accuracy score	170	94	76						
Comprehension score	0	<69	0						
Reading speed score	0	<69	0						
Comprehension Processing Speed	-4								
Single word accuracy score	0	<69	0						
Reading accuracy age	09:07								
Comprehension age	00:00								
Single word reading age	00:00								

You will also notice that 'Pupil's comprehension time, in seconds' and some of the age-standardised scores and standardised scores will start to auto-fill, these will even out and correct themselves once you have filled out all of the of the yellow tinted cells.

- Finally, fill out the rest of the yellow tinted cells with the pupil's results e.g. the number of errors they made in each passage, their reading time etc.

(For guidance on this, please see **pages 18–19** in the *DRA* manual.)  
As you enter the results the table at the bottom of the worksheet will then auto-populate to show the following:

DRA PUPIL RECORD (FORM A)									
Name	Date of birth	Test date	Chronological age (Years:Months)	Gender	Year group				
May Georges	01/05/2009	01/11/2019	10:06	Female	Year 6				
Passage listened to:	Listening Comprehension C		Number of listening comprehension questions correct:		4				
	1st passage		2nd passage		3rd passage		Totals		
	Fiction 6	Non-Fiction 7	Fiction 8		Non-Fiction 9				
Number of words in passage	50		60		60		170		
Number of errors	4		5		10		19		
Reading time, in seconds	40		45		50		135		
Comprehension questions correct	3		5		2		10		
Total number of comprehension questions	7	8	8		8		23		
Total comprehension time, in seconds	40	45	50		50		135		
Administration time, in seconds	23	29	24		24		76		
Pupil's comprehension time, in seconds	17	16	26		26		59		
Overall average comprehension processing speed per question, in seconds					3		22		
Single word reading total									
	Age-standardised score		Standardised score						
Reading accuracy score	151	88	72						
Comprehension score	10	96	81						
Reading speed score	76	103	86						
Comprehension processing speed	3		119						
Single word reading accuracy score	22	85	70						
Reading accuracy age	08:07								
Comprehension age	09:01								
Single word reading age	06:10								

- The pupil's total reading accuracy, comprehension, reading speed, comprehension processing speed and single word accuracy scores in Column B (rows 22–26).
- Their reading accuracy age, comprehension age and single word reading age in Column B (rows 27–29)
- Their age-standardised scores for reading accuracy, comprehension, reading speed and single word accuracy in Column C.
- Their standardised scores for reading accuracy, comprehension, reading speed, comprehension processing speed and single word reading accuracy. **Remember that the standardised scores will only generate if the pupil's year group has been selected either on the 'Start' worksheet or in the Form A / Form B worksheet.**

Note that age-standardised scores for comprehension processing speed are not provided, for more information on this please see **pages 65–69** in the manual.

Both the Form A and Form B worksheets work in the same way and can be used to track pupil progress. To re-download the Excel workbook visit: <https://www.risingstars-uk.com/dra-calculator>.