

**Diagnostic Assessment Tool for Ages 11 and above – recording sheet**

Name: \_\_\_\_\_

School: \_\_\_\_\_

Age: \_\_\_\_\_ Grade: \_\_\_\_\_

**Administration instructions**

1. Complete the student details.
2. Have the student start by completing the appropriate task:  
Student Age: 11 year old start with task 2-6-1  
Student Age: 12 years and above start with task 2-7-1
3. For each task, score the student's responses on the recording sheet. Based on the score for each task use the decision tree to determine the next task.
4. Continue until the last skill and complete the summary table.

	2-4-1	2-4-2	2-5-1	2-5-2	2-6-1	2-6-2	2-7-1	2-7-2	2-8-1
1	(801) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(543) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(420) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(9 997) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(350 200) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{1}{3})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(2,7) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{10}{11})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{70}{100})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	(96) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1 025) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(530 000) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(314 010) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(50) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(0,9) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(3\frac{1}{3})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(0,541) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{2}{3})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3	(1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(3,5) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(5 020) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(2 million) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{4}{7})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(6,0) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(8 000 000) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{25}{4})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(-9,850) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4	(2 908) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1,0) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(450 000) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1,3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{6}{7})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(18) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(-\frac{450}{100})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5	(1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(5 000) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{4}{5})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(2\frac{1}{3})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(0,6) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(2\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{4}{10})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(2^2)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(2^4)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

	3-4-1	3-4-2	3-5-1	3-5-2	3-6-1	3-6-2	3-7-1	3-7-2	3-8-1
1	(50) <input type="checkbox"/> <input type="checkbox"/>	(7 855) <input type="checkbox"/> <input type="checkbox"/>	(5 or 5,0) <input type="checkbox"/> <input type="checkbox"/>	(18) <input type="checkbox"/> <input type="checkbox"/>	(625) <input type="checkbox"/> <input type="checkbox"/>	(20) <input type="checkbox"/> <input type="checkbox"/>	$(\frac{4}{9})$ <input type="checkbox"/> <input type="checkbox"/>	(2) <input type="checkbox"/> <input type="checkbox"/>	(3,88) <input type="checkbox"/> <input type="checkbox"/>
2	(60) <input type="checkbox"/> <input type="checkbox"/>	$(21\frac{3}{5})$ <input type="checkbox"/> <input type="checkbox"/>	(10 000) <input type="checkbox"/> <input type="checkbox"/>	(12) <input type="checkbox"/> <input type="checkbox"/>	(2 or 2,0) <input type="checkbox"/> <input type="checkbox"/>	(3,03) <input type="checkbox"/> <input type="checkbox"/>	$(8\frac{3}{5})$ <input type="checkbox"/> <input type="checkbox"/>	(3,17) <input type="checkbox"/> <input type="checkbox"/>	(-3) <input type="checkbox"/> <input type="checkbox"/>
3	$(2\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/>	(8 or 8,0) <input type="checkbox"/> <input type="checkbox"/>	$(\frac{9}{10})$ <input type="checkbox"/> <input type="checkbox"/>	(105 302) <input type="checkbox"/> <input type="checkbox"/>	$(1\frac{2}{4}$ or $1\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/>	(1,5 or 1,50) <input type="checkbox"/> <input type="checkbox"/>	(7 or 7,0) <input type="checkbox"/> <input type="checkbox"/>	(1,09) <input type="checkbox"/> <input type="checkbox"/>	(-5) <input type="checkbox"/> <input type="checkbox"/>
4	(2 000) <input type="checkbox"/> <input type="checkbox"/>	(9 992) <input type="checkbox"/> <input type="checkbox"/>	(350) <input type="checkbox"/> <input type="checkbox"/>	$(4\frac{4}{5})$ <input type="checkbox"/> <input type="checkbox"/>	(3 or 3,0) <input type="checkbox"/> <input type="checkbox"/>	$(\frac{4}{7})$ <input type="checkbox"/> <input type="checkbox"/>	(9) <input type="checkbox"/> <input type="checkbox"/>	(2,89) <input type="checkbox"/> <input type="checkbox"/>	(-146,4) <input type="checkbox"/> <input type="checkbox"/>
5	(1 900) <input type="checkbox"/> <input type="checkbox"/>	(112) <input type="checkbox"/> <input type="checkbox"/>	(800) <input type="checkbox"/> <input type="checkbox"/>	(0,4) <input type="checkbox"/> <input type="checkbox"/>	(36 570) <input type="checkbox"/> <input type="checkbox"/>	$(22\frac{1}{3})$ <input type="checkbox"/> <input type="checkbox"/>	(1,22) <input type="checkbox"/> <input type="checkbox"/>	(-2) <input type="checkbox"/> <input type="checkbox"/>	(4) <input type="checkbox"/> <input type="checkbox"/>

	4-4-1	4-4-2	4-5-1	4-5-2	4-6-1	4-6-2	4-7-1	4-7-2	4-8-1
1	(17) <input type="checkbox"/> <input type="checkbox"/>	(7) <input type="checkbox"/> <input type="checkbox"/>	(60) <input type="checkbox"/> <input type="checkbox"/>	(9) <input type="checkbox"/> <input type="checkbox"/>	(36) <input type="checkbox"/> <input type="checkbox"/>	$(1$ or $\frac{5}{5})$ <input type="checkbox"/> <input type="checkbox"/>	(2,085) <input type="checkbox"/> <input type="checkbox"/>	(11,8) <input type="checkbox"/> <input type="checkbox"/>	(10) <input type="checkbox"/> <input type="checkbox"/>
2	(40) <input type="checkbox"/> <input type="checkbox"/>	(7) <input type="checkbox"/> <input type="checkbox"/>	(37) <input type="checkbox"/> <input type="checkbox"/>	(187) <input type="checkbox"/> <input type="checkbox"/>	(12) <input type="checkbox"/> <input type="checkbox"/>	$(\frac{5}{9})$ <input type="checkbox"/> <input type="checkbox"/>	(3) <input type="checkbox"/> <input type="checkbox"/>	(87) <input type="checkbox"/> <input type="checkbox"/>	$(1\frac{3}{5}$ or $\frac{8}{5})$ <input type="checkbox"/> <input type="checkbox"/>
3	(29) <input type="checkbox"/> <input type="checkbox"/>	(24) <input type="checkbox"/> <input type="checkbox"/>	(12) <input type="checkbox"/> <input type="checkbox"/>	$(1$ or $\frac{4}{4})$ <input type="checkbox"/> <input type="checkbox"/>	(8) <input type="checkbox"/> <input type="checkbox"/>	(0,83) <input type="checkbox"/> <input type="checkbox"/>	(7,3) <input type="checkbox"/> <input type="checkbox"/>	(-9) <input type="checkbox"/> <input type="checkbox"/>	(-46) <input type="checkbox"/> <input type="checkbox"/>
4	(30) <input type="checkbox"/> <input type="checkbox"/>	(29) <input type="checkbox"/> <input type="checkbox"/>	(52) <input type="checkbox"/> <input type="checkbox"/>	(59) <input type="checkbox"/> <input type="checkbox"/>	(19) <input type="checkbox"/> <input type="checkbox"/>	(1,204) <input type="checkbox"/> <input type="checkbox"/>	(6,9) <input type="checkbox"/> <input type="checkbox"/>	(2) <input type="checkbox"/> <input type="checkbox"/>	(-5) <input type="checkbox"/> <input type="checkbox"/>
5	(87) <input type="checkbox"/> <input type="checkbox"/>	(41) <input type="checkbox"/> <input type="checkbox"/>	(90) <input type="checkbox"/> <input type="checkbox"/>	(16) <input type="checkbox"/> <input type="checkbox"/>	$(1$ or $\frac{4}{4})$ <input type="checkbox"/> <input type="checkbox"/>	(5) <input type="checkbox"/> <input type="checkbox"/>	(61) <input type="checkbox"/> <input type="checkbox"/>	(5) <input type="checkbox"/> <input type="checkbox"/>	(80) <input type="checkbox"/> <input type="checkbox"/>

	5-4-1	5-4-2	5-5-1	5-5-2	5-6-1	5-6-2	5-7-1	5-7-2	5-8-1
1	(108) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1 199) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(25) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(6) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(131) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(6,3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(5) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(4\frac{1}{2}$ or $4\frac{5}{10}$ ) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{7}{8})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	(7) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(15) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(12) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(50) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{1}{2}$ or $\frac{2}{4})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(13) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{9}{12}$ or $\frac{3}{4})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(20) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(8,12) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3	(90) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{3}{5})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1 500) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(704 000) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(6) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(25) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(0,4) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(16,1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4	(30) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(500) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(2\frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(27) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(3,9) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(10) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(4\frac{2}{3}$ or $4\frac{4}{6})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{3}{4}$ or $\frac{6}{8})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(-13) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5	(460) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(1,9) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(676) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(17) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(27) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\frac{5}{12})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(20) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(92) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(-3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

	6-4-1	6-4-2	6-5-1	6-5-2	6-6-1	6-6-2	6-7-1	6-7-2	6-8-1
1	(+ 1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 10) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(+ 3) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 3 ; + 2) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 7; - 2) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\div 100$ or $\times 0,01)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 0,2) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 3; - 8) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	(× 10) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(+ 11) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(-25) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(÷ 5) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 8; + 4) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(+ 1\frac{1}{8})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\div 2$ or $\times \frac{1}{2})$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 1; -5) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\times \frac{1}{3}; - 3)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3	(-2) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(halve or $\times \frac{1}{2}$ or $\div 2$ ) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 5; +1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 2; + 1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 5; -1) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\div 10$ or $\times 0,1)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\div 4$ or $\times 0,25)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(× 2; - 10) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	$(\times (-5); + 15)$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

	7-6-2	7-7-1	7-7-2	7-8-1
1	( $\hat{A}$ ) <input type="checkbox"/> 0 <input type="checkbox"/> 1	( $\hat{A}$ ) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(67°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(125°) <input type="checkbox"/> 0 <input type="checkbox"/> 1
2	( $\hat{A}$ ) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(67°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(30°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(130°) <input type="checkbox"/> 0 <input type="checkbox"/> 1
3	(132°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(30°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(125°) <input type="checkbox"/> 0 <input type="checkbox"/> 1	(70°) <input type="checkbox"/> 0 <input type="checkbox"/> 1

### Completing the summary table

- For each skill, select the level at which the student ended on that skill by placing a tick  in the appropriate box.
- To determine the overall level:
  - Select the level with the greatest number of ticks.
  - If more than one level has the same (largest) number of ticks, select the lower level.
  - If student struggles at level 4-1, administer the Diagnostic Assessment Tool for Ages 9 to 10.

### Summary table

	Level 4-1	Level 4-2	Level 5-1	Level 5-2	Level 6-1	Level 6-2	Level 7-1	Level 7-2	Level 8-1
Skill 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skill 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Assessment conducted by: \_\_\_\_\_

Date: \_\_\_\_\_