



Error Analysis for Peter (based on fourth class curriculum)

Task	Child's response
1. Make the number 243 using Dienes materials	Completed correctly
2. Teacher calls out and child writes: 990 409 1235	Completed correctly
3. What comes next on the number line? 695, 697, ____, ____, ____	699, 702, 704
4. Name and ring the bigger number: 3014 / 1540 504 / 450 923 / 1110	1110 named as 1011
5. Teacher calls out and child writes and talks through: 4004 + 1233	Wrote 4004 + 133 but failed to add either vertically or horizontally
6. 4567 + 234	$\begin{array}{r} 400050067+ \\ + 20034 \\ \hline 60039067 \end{array}$
7. 467+ 1234 + 5	$\begin{array}{r} 467 \\ + 1200345 \\ \hline 1661045 \end{array}$
8. 506 + 270	$\begin{array}{r} 506 \\ + 270 \\ \hline 776 \end{array}$



<p>9. 357+ 469</p>	$\begin{array}{r} 357 \\ + 469 \\ \hline 826 \end{array}$
<p>10. Written on card , can child recognise number bonds that make 10: 17 + 34 + 13 + 26 + 3</p>	$\begin{array}{r} 17 \\ 34 \\ 13 \\ 26 \\ 3 \\ \hline 1 \\ \hline 1 \end{array}$
<p>11. Written on card, can child recognise number bonds that make 10: 8 + 5 + 7 + 5 + 1 + 9 + 2</p>	$\begin{array}{r} 13 \\ 12 \\ 10 \\ + 11 \\ \hline 46 \end{array}$
<p>12. Teacher calls out and child writes and computes: 3050 - 2234</p>	$\begin{array}{r} 3500- \\ - 220034 \\ \hline 130034 \end{array}$
<p>13. Teacher showed this task and child copied and computed: $\begin{array}{r} 340 \\ X 43 \\ \hline \end{array}$</p>	$\begin{array}{r} 340 \\ X 43 \\ \hline 963 \end{array}$ <p>Child talked aloud: 3 X 0 = 3 4 X 4 = 16 (put down 6, carry one) 3 X 3 = 9</p>
<p>14. Teacher showed this task and child copied and computed: $\begin{array}{r} 24 \\ X 25 \\ \hline \end{array}$</p>	$\begin{array}{r} 24 \\ X 25 \\ \hline 420 \end{array}$ <p>Child talked aloud: 2 by 2 is four 5 by 4 is 20</p>
<p>14. $\begin{array}{r} 47 \\ X 2 \\ \hline \end{array}$</p>	$\begin{array}{r} 47 \\ X 2 \\ \hline 94 \end{array}$



15. 4 X 7	Child calculated correctly orally using fingers
16. 2 4008	2 4008 2024 Child talked aloud: 2 into 4 goes twice 2 into zero is zero, carry over my 2 2 into 20 goes 10 times, put down 2 and carry zero 2 into 8 goes 4 times
18. Make € 2.27 using coins	Child completed task by using €2 + 10c+10c +5c +2c+ 1c
19. A ball costs €4.53. How many euro do you need? Do you have enough?	Child put out €4 in coins. After prompt child said ' No, I need another euro'
20. Make a euro using coins	Child used ten 10c coins
21. Make a euro using 4 coins	He put out 50c + 10c +10c (that's not right) Teacher encouraged him to continue putting out 10c coins and prompted, 'Is there anything you can do? in the hope that he would swap 10c coins for 20c. Child said, ' You can't do that.'
22. Make the clock face show : Twenty five to four	Child rotated clock hands until it said 10 to 3 , then counted in five minute intervals from ten to three
23. Quarter to three	Rotated clock hands until the clock read 2 o'clock
24. five to three	Made the clock read ten past two
25. Quarter past three	Made the clock read half past two
26. three o'clock	Kept rotating the clock hands forwards and then backwards; correctly recognised 12:30 and eventually stopped at 11:15 and said, ' No, this hand (pointing to the small hand) has to be on three'



27. Make the cards say quarter to four	Child correctly laid out 3 : 45 and named the time
28. five past two	Correctly laid out 2:05 but named the time as 2 zero 5
29. ten past nine	Laid out 109 and did not correct when prompted
30. half past seven	Correctly laid out 7:30