## 5th edition

PIVATS MILESTONE P1:

| PIVATS PERFORMANCE INDICATORS: |  |  |  |  | PIVATS MILESTONE P1: |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Pupil shows a reflex response to sensory stimuli. | Pupil remains passive or shows no observable response. | Pupil shows resistance or negative response to sensory stimuli, e.g. withdraws hand or grimaces to show displeasure. | Pupil changes facial expression or body position in response to tactile or visual stimuli during a mathematical activity. | Pupil accepts adult physical prompting during an activity. | P1 (i) Pupils encounter activities and experiences. They may be passive or resistant. They may show simple reflex responses, for example, startling at sudden noises or movements. Any participation is fully prompted. |
| Pupil demonstrates awareness by any observable response, e.g. facial expression or body movement. | Pupil may briefly turn head or smile at a familiar sound or situation. | Pupil will maintain contact with a mathematical resource for a short period of time. | Pupil can locate an object presented in different positions, visual or auditory. | Pupil responds to a familiar activity by an occasional response, e.g. vocalisation. | P1 (ii) Pupils show emerging awareness of activities and experiences. They may have periods when they appear alert and ready to focus their attention on certain people, events, objects or parts of objects, for example, grasping objects briefly when they are placed in their hand. They may give intermittent reactions, for example, sometimes showing surprise at the sudden presence or absence of an event or object. |


| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P1(i) e | 0.15 | $\checkmark \checkmark$ | P1(i) d | 0.30 | $\checkmark \checkmark \checkmark$ | P1(i) c | 0.45 | $\checkmark \checkmark \checkmark \checkmark$ | P1(i) b | 0.60 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P1(i) a | 0.75 |
| $\checkmark$ | P1(ii) e | 0.90 | $\checkmark \checkmark$ | P1(ii) d | 1.05 | $\checkmark \checkmark \checkmark$ | P1(ii) c | 1.20 | $\checkmark \checkmark \checkmark \checkmark$ | P ( ii ) b | 1.35 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P1(ii) a | 1.50 |

## Lancashire <br> 

## 5th edition

## PIVATS MILESTONE P2:

PIVATS PERFORMANCE INDICATORS:

| Pupil begins to <br> Respond <br> consistently to an <br> event or activity. | Pupil can locate an <br> object presented in <br> different positions. | Pupil begins to <br> interact consistently <br> to familiar people <br> and activities. | Pupil accepts <br> partial prompting <br> to engage <br> in exploring new <br> objects and <br> activities, <br> e.g. lifting them <br> towards the face. |
| :--- | :--- | :--- | :--- |
| Pupil can explore <br> objects by touch, <br> banging them, <br> moving them, <br> dropping them, etc. | Pupil can reach for <br> or look at objects <br> when placed within <br> his/her visual/aural <br> field. | Pupil can show <br> consistent <br> preference for <br> favoured items, <br> e.g. reach for/eye <br> point tof favourite <br> item from a choice of <br> two. | Pupil can, using <br> trial and error, <br> operate a simple <br> switch activated <br> toy, <br> e.g.pop up toy or <br> jack in a box. |

Pupil can track an object horizontally when held at eye level or pupi shows a distinc ecognition of a sound-making object and tracks its sound from side to side.

Pupil will continue an action or interaction with an adult by repeating a sound or action, e.g. pupil responds with an 'a' sound when you say 'a' when their hand is placed on a drum and they feel the vibration of a drum beat, they tap the drum in response.

22 (i) Pupils begin to respond consistently to familiar people, events and objects. They react to new activities and experiences, for example, becoming excited or alarmed when a routine is broken. They begin to show interest in people, events and objects, for example, tracking objects briefly across their field of awareness. They accept and engage in coactive exploration, for example, lifting objects briefly towards the face in shared investigations.

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS <br> score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P2(i) e | 1.65 | $\checkmark \checkmark$ | P2(i) d | 1.8 | $\checkmark \checkmark \checkmark$ | P2(i) c | 1.95 | $\checkmark \checkmark \checkmark \checkmark$ | P2(i) b | 2.1 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P2(i) a | 2.25 |
| $\checkmark$ | P2(ii) e | 2.4 | $\checkmark \checkmark$ | P2(ii) d | 2.55 | $\checkmark \checkmark \checkmark$ | P2(ii) c | 2.7 | $\checkmark \checkmark \checkmark \checkmark$ | P2(ii) b | 2.85 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P2(ii) a | 3 |

## Lancashire

## 5th edition

PIVATS MILESTONE P3:
P3 (i) Pupils begin to communicate intentionally. They seek attention through eye contact, gesture or action. They request events or activities, for example, pushing an item of equipment towards a member of staff They participate in shared activities with less support. They sustain concentration for short periods. They explore materials in increasingly complex ways, for example, banging or rubbing objects together. They observe the results of their own actions with interest, for example, as they throw or drop objects on to different surfaces. They remember learned responses over more extended periods, for example, remembering how to activate a pop-up object from a previous lesson.

P3 (ii) Pupils use emerging conventional communication. They greet known people and may initiate interactions and activities, for example, dropping objects to prompt interventions from adults. They can remember learned responses over increasing periods of time and may anticipate known events, for example, collecting coats and bags at the end of the school day. They may respond to options and choices with actions or gestures, for example, pointing to or giving one object rather than another. They actively explore objects and events for more extended periods, for example, manipulating objects in piles, groups or stacks. They apply potential solutions systematically to problems, for example, using items of equipment purposefully and appropriately.

PIVATS PERFORMANCE INDICATORS

Pupil will explore objects in increasingly complex ways, using more than one action, e.g. tapping, turning, shaking, rolling, etc.

## Pupil independently

 explores shapes feeling the edges, corners or curves for extended periods of time.Pupil pushes items towards adult or pulls adult's hand towards them, as a means of requesting more of a specific activity.

Pupil can track quickly moving objects,
e.g. pendulum.

Pupil can track a ball
as he/she rolls it
away from
themselves out of their immediate field of vision,
e.g. rolls a ball off
the table and
watches it trace a
path along the floo

Pupil can remember a learned response from day to day (as opposed to remembering daily routines).

Pupil can grasp two shapes at once and explore whether or not they fit together, e.g. interlocking objects.

Pupil will observe the result of their wn actions with interest,
e.g. listen to/watch
the result of a
switch activated operation (pop up toy or jack in a box).

Pupil will respond
to options and choices by accepting and rejecting,
e.g. shaking the head, pushing an item away or intentionally discarding an item.

Pupil can retrieve an object which has been seen or heard and then placed in an open container, e.g. when a ball is placed in a container large enough for the child to reach into.

Pupil can intentionally attract the attention of an adult to assist them in retrieving an object that has been placed just out of their reach

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P3(i) e | 3.2 | $\checkmark \checkmark$ | P3(i) d | 3.4 | $\checkmark \checkmark \checkmark$ | P3(i) c | 3.6 | $\checkmark \checkmark \checkmark \checkmark$ | P3(i) b | 3.8 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P3(i) a | 4 |
| $\checkmark$ | P3(ii) e | 4.2 | $\checkmark \checkmark$ | P3(ii) d | 4.4 | $\checkmark \checkmark \checkmark$ | P3(ii) c | 4.6 | $\checkmark \checkmark \checkmark \checkmark$ | P3(ii) b | 4.8 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P3(ii) a | 5 |

## Lancashire

## 5th edition

## PIVATS MILESTONE P4 AND P5:

P4 Pupils are aware of cause and effects in familiar mathematical activities, for example, knowing that in a role-play shop a coin can be exchanged for an item; hitting a mathematical shape on a concep keyboard to make it appear on the screen. They show awareness of changes in shape, position or quantity, for example, grouping objects that have similar key features such as shape; creating very simple sequences of light or sound using switched equipment; recalling an object which has been placed out of sight. They anticipate, follow and join in familiar mathematical activities when given a contextual cue, for example, anticipating the next chorus or action in songs and rhymes; matching cakes to plates.

P5 Pupils sort or match objects or pictures by recognising similarities, for example, matching shoes or socks by placing next to one placed by an adult; find matching pairs from a collection of pictures; collating objects given one criterion e.g. blue or big. They make sets that have the same small number of objects in each, for example, distributing sweets into containers so that there are one or two in each. They solve simple problems practically, for example, selecting appropriate containers for items of different sizes; checking there is a knife for every fork.

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P4e | 5.2 | $\checkmark \checkmark$ | P4d | 5.4 | $\checkmark \checkmark \checkmark$ | P4c | 5.6 | $\checkmark \checkmark \checkmark \checkmark$ | P4b | 5.8 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P4a | 6 |
| $\checkmark$ | P5e | 6.4 | $\checkmark \checkmark$ | P5d | 6.8 | $\checkmark \checkmark \checkmark$ | P5c | 7.2 | $\checkmark \checkmark \checkmark \checkmark$ | P5b | 7.6 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P5a | 8 |

## Lancashire

## 5th edition

PIVATS MILESTONE P6 AND P7:
P6 Pupils sort objects and materials according to a given criteria, for example, sorting footballs into a net and table tennis balls into a box. They copy simple patterns or sequences, for example, copying a drumbeat; copying a simple pattern of repeated movements; copying a pattern of large and small cups.

P7 Pupils complete a range of classification activities using a given criterion, for example, sorting a pile of coins by size, colour or shape; sorting all the blue Wellington boots; sorting all the size 6 shoes. They identify when an object is different and does not belong to a given familiar category, for example, removing odd items from sets; collecting items into sorting boxes or drawers. They respond appropriately to key vocabulary and questions, for example, 'How many?'

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS <br> score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS <br> score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P6e | 8.4 | $\checkmark \checkmark$ | P6d | 8.8 | $\checkmark \checkmark \checkmark$ | P6c | 9.2 | $\checkmark \checkmark \checkmark \checkmark$ | P6b | 9.6 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P6a | 10 |
| $\checkmark$ | P7e | 11 | $\checkmark \checkmark$ | P7d | 12 | $\checkmark \checkmark \checkmark$ | P7c | 13 | $\checkmark \checkmark \checkmark \checkmark$ | P7b | 14 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P7a | 15 |

## Lancashire

## 5th edition

## PIVATS MILESTONE P8:

P8 Pupils talk about, recognise and copy simple repeating patterns and sequences, for example, recognising and describing simple repeating patterns on textiles or necklaces from different cultures; recognising and describing a pattern of socks on a line; joining in a pattern of hand claps; talking about and copying patterns such as beats in familiar music; shapes made by hand and feet in damp sand; sponge prints

Pupils use their developing mathematical understanding of counting up to ten to solve simple problems encountered in play, games or other work, for example, using tokens or marks to tally events or scoring in games; counting in the school environment; using ordinal words to describe positions and turns. Pupils make simple estimates, for example, estimating the number of cubes that will fit into a box or the number of strides across a room

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | P8e | 16 | $\checkmark \checkmark$ | P8d | 17 | $\checkmark \checkmark \checkmark$ | P8c | 18 | $\checkmark \checkmark \checkmark \checkmark$ | P8b | 19 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | P8a | 20 |

## Lancashire

## PIVATS PERFORMANCE INDICATORS:

| Problem solving | Representing | Communicating | Reasoning | Enquiry |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Pupil uses mathematics as an integral part of classroom activities to solve problems involving counting, adding, subtracting, multiplying, dividing doubling or halving, <br> e.g. The numbers in this count are mixed up, 6, 4, 2, 8. Put them in order. <br> There are twelve pennies in this bag. I spend 3p. How much money will be left? <br> I have two boxes of eggs containing 6 eggs in each box, how many eggs do I have altogether? | Pupil can represent their work with objects or pictures and use these to solve problems. <br> e.g. There are thirteen baby birds in the nest. Four fly away. How many are left? <br> Show me how you could use objects or pictures to work out the answer. <br> Tell me a number between 10 and 20. Is it closer to 10 or 20? Show me how you know using this number line. <br> How many fish are there altogether in the three fish tanks? Show me how you worked out your answer. | Pupil can discuss their work and describe ways of solving puzzles and problems, explaining choices and decisions orally or using pictures, <br> e.g. The pictures on these cards tell a story (e.g. a day trip out). Look at your cards and think what the story might be about. <br> Put the cards in time order. What do you think happens next? <br> Using the balance to find out which of these three boxes is heaviest; which is the lightest and which is inbetween? How would you begin? How could you show someone else that this one is the heaviest? <br> How did you find out how many more cartons of milk were needed so that the children had one each? | Pupil can describe and explain simple patterns and relationships involving numbers, objects or shapes, deciding whether examples satisfy a given criterion, <br> e.g. Sort these shapes in your own way and tell me how you chose to sort them. <br> Can you carry on this pattern: $1,3,5, ?$ <br> How did you know what comes next? <br> Can you make a pattern using these coloured counters? <br> Can you make a pattern where the third counter is blue? Is that the only way it could be done? | Pupil can choose <br> suitable equipment to answer questions, including sorting. They can present and interpret results in block graphs using practical equipment and ask and answer questions about the data. <br> e.g. <br> How many cubes can you hold in your hand? Who in your group can hold the most/fewest? How will you record your findings? <br> What does your block graph show about how heavy the boxes are? How did you line up the blocks to make it easy to compare the weights? | PIVATS MILESTONE ONE STAGE 1, MILESTONE ONE STAGE 2 AND MILESTONE ONE STAGE 3 <br> Pupils use mathematics as an integral part of classroom activities. They solve problems and practical problems involving one-step problems that involve addition and subtraction using concrete objects and pictorial representations and missing number problems. They also solve onestep problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. They represent their work with objects or pictures and discuss it. They recognise and use a simple pattern or relationship being able to recognise and create repeating patterns with numbers, objects and shapes. |


| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of <br> PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | ONE-1e | 21 | $\checkmark \checkmark$ | ONE-1b | 24 | $\checkmark \checkmark \checkmark$ | ONE-2c | 28 | $\checkmark \checkmark \checkmark \checkmark$ | ONE-3d | 32 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | ONE-3a | 35 |

## Lancashire

PIVATS MILESTONE TWO:

PIVATS MILESTONE TWO STAGE 1, MILESTONE TWO STAGE 2 AND MILESTONE TWO STAGE 3:

Pupils select the mathematics they use in some classroom activities. They solve problems with addition and subtraction including with missing numbers by using concrete objects and pictorial representations, including those involving numbers, quantities and measures. They solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change and measures (including time). They solve problems involving multiplication and division (including those with remainders), using materials, arrays, (including those with remainders), using materials, arrays,
repeated addition, mental methods and multiplication and division facts, including problems in context. They discuss their division facts, including problems in context. They discuss their
work using mathematical language and are beginning to work using mathematical language and are beginning to
represent it using symbols and simple diagrams. They explain represent it using symbols and simple diagrams. They explain
why an answer is correct. As well as identifying patterns and relationships they are able to test statements about patterns and relationship.

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS <br> score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | TWO-1e | 36.5 | $\checkmark \checkmark$ | TWO-1b | 41 | $\checkmark \checkmark \checkmark$ | TWO-2c | 47 | $\checkmark \checkmark \checkmark \checkmark$ | TWO-3d | 54 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | TWO-3a | 60 |

## Lancashire

PIVATS MILESTONE THREE:

PIVATS MILESTONE THREE STAGE 1, MILESTONE THREE STAGE 2 AND MILESTONE THREE STAGE 3:

Pupils choose appropriate mathematics for problem solving and react positively o difficulties. They solve problems, ncluding missing number problems, involving multiplication and division (and interpreting remainders), using numer facts place value and more number facts, place value and more omplex addition and subtraction. They olve problems involving money and easures and simple problems involving passage of time. They use mathematical symbols accurately and are beginning to work and record systematically. They are beginning to organise their work and check results. They use mathematical vocabulary accurately when explaining their thought processes rather than focusing on the answer.

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | THREE-1e | 60.7 | $\checkmark \checkmark$ | THREE-1b | 62.7 | $\checkmark \checkmark \checkmark$ | THREE-2c | 64.3 | $\checkmark \checkmark \checkmark \checkmark$ | THREE-3d | 64.9 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | THREE-3a | 65.35 |

## Lancashire

## PIVATS PERFORMANCE INDICATORS:

| Problem solving |
| :--- |
| Pupil can choose and use <br> different strategies and use | different strategies and use appropriate calculation strategies to solve one and twostep problems involving numbers, money and measures and simple problems that involve fractions and decimals,

e.g. In a sandwich bar storeroom there are 3 boxes of cola, 2 boxes of lemonade and 4 boxes of cherryade. There are 24 bottles in every box. How many bottles of pop are there altogether?
How many cartons of juice costing 40p each can I buy with £3?
These are the prices in a shoe shop:
Sandals £24.99
Flip flops $£ 21.50$
Football boots $£ 40.75$ How much more do the football boots cost than the flip flops? Rob buys two pairs of sandals. If he has $£ 100$, has he enough money to buy a pair of football boots? Explain how you know.

Representing
Pupil can use number sentences, statements or diagrams to represent and solve a problem or puzzle. They present and interpret the solution in the context of the problem,
e.g. One length of the swimming pool is 25 metres.
Dave swims seven Dave swims seven
lengths of the pool. Sue swims 200 metres of the same pool. Who swims the furthest? swims the furthest? How could you show someone how you have worked out this problem?
A piece of rope 216 cm long is cut into four equal pieces.
How could you work out what the length of each piece is?
Sam is four times the height of his dog. His dog is 30 cm tall. How dog is 30 cm

| Communicating | Reasoning | Enquiring |
| :--- | :--- | :--- | \left\lvert\, \(\left.\begin{array}{l}Pupil can report <br>

$$
\begin{array}{l}\text { solutions to puzzles } \\
\text { and problems, giving } \\
\text { explanations and } \\
\text { reasoning orally and }\end{array}
$$\end{array} $$
\begin{array}{l}\text { Pupil can identify and } \\
\text { use patterns, } \\
\text { relationships and } \\
\text { properties of numbers or } \\
\text { shapes. They }\end{array}
$$ \quad $$
\begin{array}{l}\text { Pupil can suggest a line } \\
\text { of enquiry and can } \\
\text { follow their own strategy } \\
\text { to collect, organise and } \\
\text { interpret selected }\end{array}
$$\right.\right\}\)

PIVATS MILESTONE FOUR:

## PIVATS MILESTONE FOUR STAGE 1, MILESTONE FOUR STAGE 2 AND

 MILESTONE FOUR STAGE 3:Pupils try different approaches to problem solving and find ways of overcoming difficulties that arise when they are solving problems. They solve number and practical problems with increasingly large positive numbers. They solve addition and subtraction two-step problems in contexts, deciding which operations to use and why, and involving multiplying and adding, and division (including interpreting remainders) and integer scaling problems. They solve simple measure and money problems involving fractions and decimals to two decimal places. They use and interpret mathematical symbols and diagrams, and information and results are presented in the most appropriate way. They discuss their mathematical work and are beginning to explain their thinking making mathematical work and are beginning to explain their thinking making links between the problem solving process, the answer and other areas of
mathematics. They understand a general statement by finding particular mathematics. They understand a general statement by finding particular
examples that match it and are beginning to suggest their own ideas and examples

| Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score | Number of PIVATS steps achieved: | PIVATS milestone equivalent: | PIVATS score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ | FOUR-1e | 65.5 | $\checkmark \checkmark$ | FOUR-1b | 65.95 | $\checkmark \checkmark \checkmark$ | FOUR-2c | 66.55 | $\checkmark \checkmark \checkmark \checkmark$ | FOUR-3d | 68.2 | $\checkmark \checkmark \checkmark \checkmark \checkmark$ | FOUR-3a | 70 |

## Lancashire

