

| Grade | Criterion A Knowing and Understanding | Criterion B Pattern | Criterion C Communication | Criterion D Approaches to problem-solving |
|-------|---|--|---|--|
| R | <ul style="list-style-type: none"> i. I need constant teacher help to understand the questions ii. I need constant teacher help to use mathematical skills, knowledge and understanding iii. I need constant teacher help to solve problems correctly | <ul style="list-style-type: none"> i. I need constant teacher help to recognise patterns and solve problems ii. I need constant teacher help to describe simple patterns and identify rules | <ul style="list-style-type: none"> i. I use limited mathematical vocabulary ii. I share my thinking in limited ways iii. my reasoning is difficult to understand. | <ul style="list-style-type: none"> i. I need constant teacher support to identify key information and missing information in a problem ii. I need constant teacher support to choose different problem solving strategies iii. I need constant teacher support to use the selected strategies to find a solution iv. I need constant teacher support to describe what I did and how I got my answers. v. I occasionally have a growth mindset when solving problems |
| S | <ul style="list-style-type: none"> i. I understand the questions with some help ii. I use mathematical skills, knowledge and understanding with some help iii. I solve problems correctly with some help | <ul style="list-style-type: none"> i. I recognise simple patterns and I solve problems with some help ii. I describe simple patterns and I identify rules with some help | <ul style="list-style-type: none"> i. I use some appropriate mathematical language ii. I share my thinking in words, symbols, numbers, pictures, graphs iii. my reasoning can be understood but does not always make sense iv. my work is sometimes organised | <ul style="list-style-type: none"> i. I identify the key information to solve a problem with some help ii. I choose and use appropriate problem solving strategies with some help iii. I explain what I did and how I solved the problem with some help iv. I generally show a growth mindset when solving problems |
| M | <ul style="list-style-type: none"> i. I understand questions ii. I use mathematical skills, knowledge and understanding at grade level most of the time iii. I solve problems correctly without teacher help most of the time | <ul style="list-style-type: none"> i. I recognise patterns and solve problems ii. I describe patterns and identify rules iii. I check and continue the pattern | <ul style="list-style-type: none"> i. I use appropriate mathematical language ii. I share my thinking clearly in words, symbols, numbers, pictures, graphs iii. my reasoning makes sense iv. my work is mostly organised | <ul style="list-style-type: none"> i. I identify the key information to solve a problem most of the time ii. I choose and use appropriate problem-solving strategies by myself iii. I explain what I did and how I solved the problem iv. I show a growth mindset when solving problems most of the time |
| E | <ul style="list-style-type: none"> i. I always understand questions and can develop new problems that are similar ii. I always apply correct mathematical skills, knowledge and understanding iii. I always solve these problems correctly without help and I can solve more complex problems. | <ul style="list-style-type: none"> i. I recognise more complex patterns and I solve problems ii. I describe more complex patterns and identify rules iii. I check if relationship works for all parts of existing pattern | <ul style="list-style-type: none"> i. I always use mathematical language correctly ii. I always share my thinking clearly in words, symbols, numbers, pictures, graphs iii. my reasoning is clear and makes sense iv. my work is always organised and logical | <ul style="list-style-type: none"> i. I always identify the key information to solve a range of problems ii. I always choose and use appropriate problem-solving strategies by myself iii. I clearly and in detail explain what I did and how I got my answer iv. I always show a growth mindset when solving problems |