

COMMUNICATING

We are learning that Representations can be Written, oral, Graphical/visual that help to formulate and express mathematical ideas.

Success criteria

I can

Describe mathematical situations, concepts, methods and solutions to problems

Represent mathematical situations, concepts, methods and solutions to problems

Use the appropriate language, terminology,

Use tables, diagrams, graphs, symbols, notation, Conventions.

PROBLEM SOLVING

We are learning to formulate and solve problems when using mathematics..

Success criteria

I can

represent or explain unfamiliar or meaningful situations

design investigations

plan my approaches

apply strategies to seek solutions

verify that my answers are reasonable.

Make choices on interpreting, formulating, modeling, investigating problem situations

Communicate my solutions effectively.

REASONING

We develop an increasingly sophisticated capacity for logical thought and actions, such as analysing proving, evaluating, explaining, inferring, justifying and generalising...

Success criteria

I can

explain my thinking

deduce - by reasoning; draw as a logical conclusion

justify strategies used and conclusions reached

adapt the known to the unknown

transfer learning from one context to another

prove that something is true or false

compare and contrast related ideas

explain my choices..