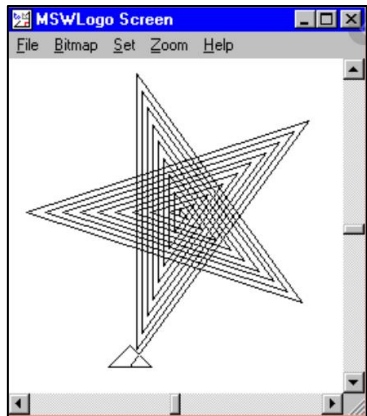


What we will learn

E-safety



Logo is a text-based program that we can use in order to create shapes and patterns.

We use **algorithms** (a set of instructions to perform a task) that we can plan, model and test, in order to create accurate and imaginative shapes and patterns.

We teach our children to be SMART online

S Stay Safe: Don't give out your personal information to people / places you don't know.

M Don't Meet Up: Meeting someone you have only been in touch with online can be dangerous. Always check with an adult you trust.

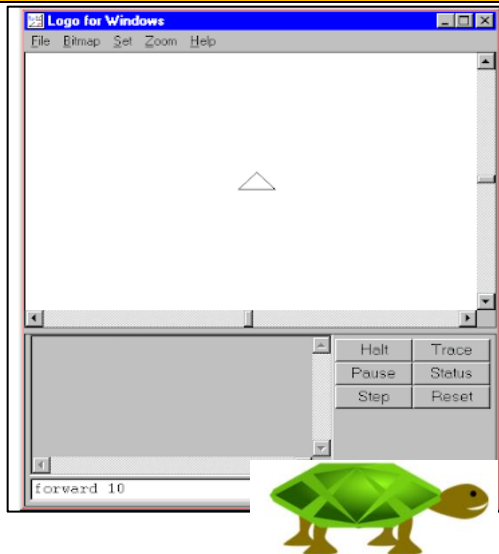
A Accepting Files: Accepting emails, files, pictures or texts from people you don't know can cause problems.

R Reliable?: Check information before you believe it. Is the person or website telling the truth?

T Tell Someone: Tell an adult if someone or something makes you feel worried or uncomfortable.

Follow these SMART tips to keep yourself safe online!

The Basics of FMS Logo



Basic Commands:
FD: Forwards. Always followed by a space and the number of steps, e.g. FD 50
BK: Backwards. As above, e.g. BK 50
LT: Left turn. Always followed by a space and then the degrees to turn, e.g. LT 90
RT: Right turn. As above, e.g. RT 90
CS: Clears any pen marks on your screen and gets the turtle back to the centre.
PU: Stops turtle from leaving a pen trail.
PD: Makes turtle leave a pen trail again.

Another handy command

Repeat: Type the command 'repeat' — this repeats commands a set number of times. The number following repeat is the number of times to repeat the code, and the code to be repeated is in square brackets, e.g. repeat 4 [FD 100 LT 90]
 The above code will repeat FD 100 LT 90 four times.

Sequencing and Algorithms

A **sequence** is a pattern or process in which one thing follows another. We design **algorithms** (sets of instructions for performing a task) to help us program the sequence that we require to achieve our desired outcomes.

