Procedure

A set of instructions grouped
together to carry out a task.
Run a procedure by using its name.
Procedures can be run/used lots of times.

By Mr Bagge

Common everyday procedures that your brain already knows how to do

Walking

Getting dressed

Eating

Breathing

Jumping

Hopping

Can you think of any more everyday procedures?

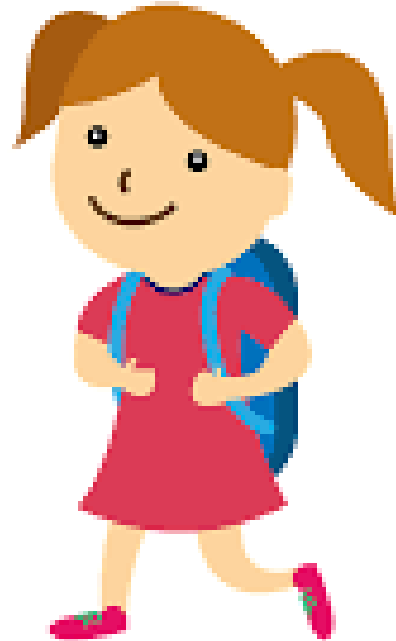# Common everyday procedures that your brain already knows how to do

Define **walk**
Move right leg forward
Wait
Move left leg forward
wait

Define **breathe**
Breathe in
Wait
Breathe out
wait

Define **eat**
Put food in hand
Lift hand to mouth
Put food into mouth
Loop until a paste
                chew
swallow

Loop always
        breathe
        if need to go somewhere
                walk
                if hungry AND food near
                        eat

Procedure stories

I have taught my dog to beg, roll over, and shake paw. She does these things when I say beg, roll and shake.

What procedures have been taught to the dog?
Choose one of the procedures taught to the dog. Write a simple procedure algorithm to show what instructions might be included.
Can you think of any other procedures that could be taught to the dog?
How many times can the owner use a procedures?

Procedure stories

Autopilot can land the plane and fly straight ahead. You press these buttons to start these.

land **straight**

What procedures does autopilot been programmed to do?

Think about the landing procedure.
How might you order these instructions? (number 1-5)

Line up plane with runway

Put wheels down
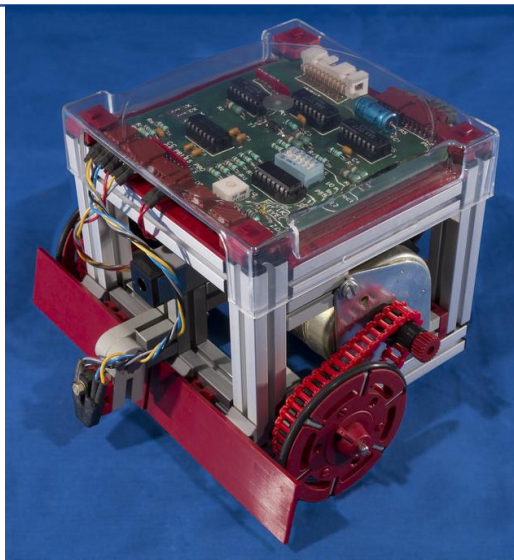
Slow down engines

Define land

Reduce height until wheels touch ground

Can you think of any other procedures that could be programmed into autopilot?

How many times can the pilot use a procedures?

Procedure stories

I have programmed my buggy to turn 360° on the spot, play a tune by beeping and move forward until it senses something in front of it. It responds to spot360, tune & obstacle.

What procedures have been defined?
Choose one of the procedures programmed. Write a procedure algorithm to show what instructions might be included.
Can you think of any other procedures that could be programmed into the buggy?
How many times can the buggy owner use a procedures?

code-it.co.uk

Misconceptions (for teachers)

Some pupils run the code by directly clicking on the define square block
rather than the
Square name block

This can often mean that they don't really understand how the procedure works.

code-it.co.uk