



COMPUTING

Progression Map

COMPUTING PROGRESSION MAP



Vocabulary

Network
Topology
Sharing
Server
Device

RECEPTION

- Develops digital literacy skills by being able to access, understand and interact with a range of technologies

ALGORITHMS

Progression Map

NURSERY

- Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images

YEAR 1

- Begin to clarify understanding about what algorithms are

COMPUTING PROGRESSION MAP



Vocabulary

Hardware

Software

Application

RECEPTION

- Completes a simple program on electronic devices

NURSERY

- Shows an interest in technological toys with knobs or pulleys, real objects such as cameras, and touchscreen devices such as mobile phones and tablets

CREATING PROGRAMS

Progression Map

YEAR 1

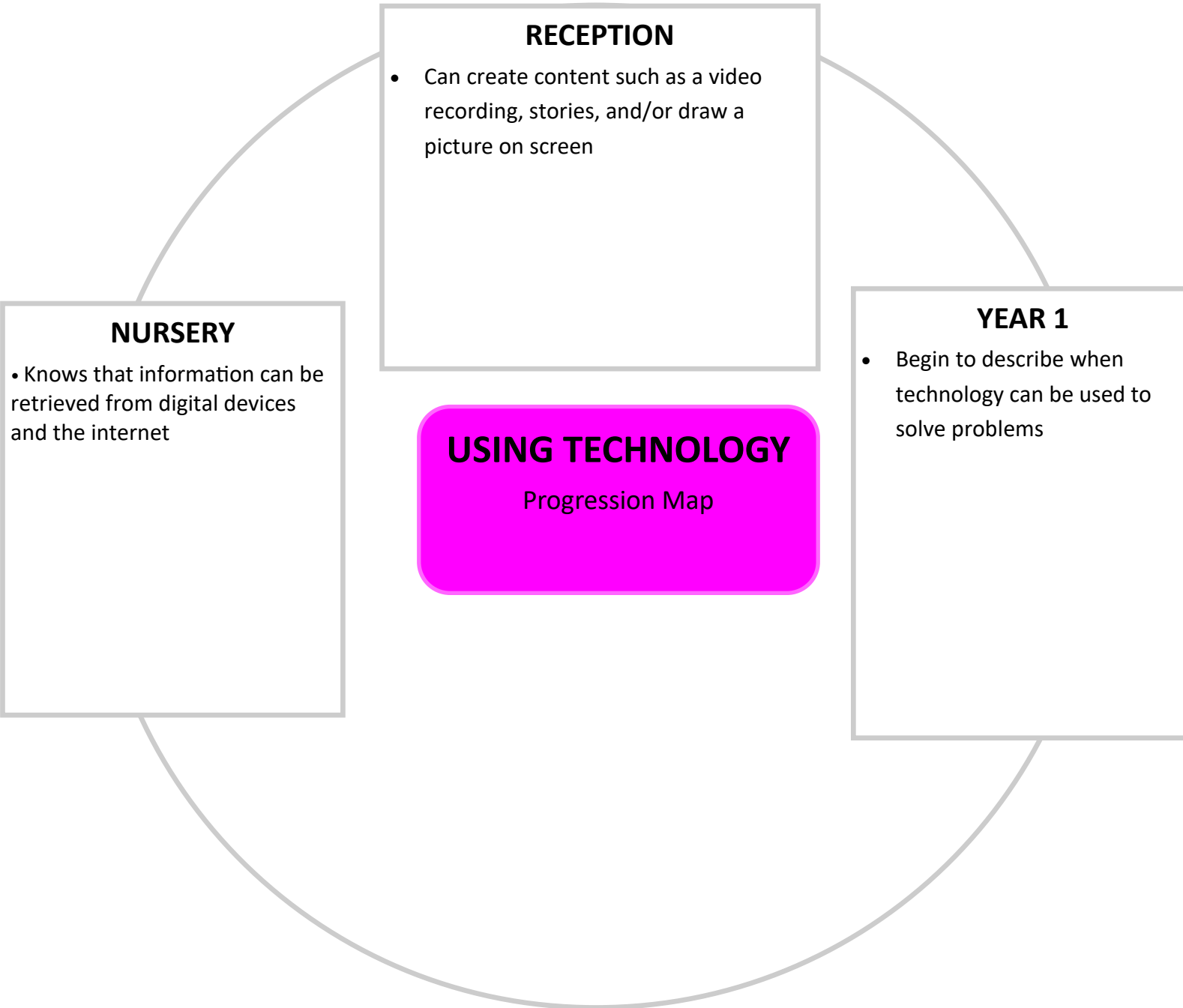
- Begin to create their own way to use programmes to solve problems

COMPUTING PROGRESSION MAP



Vocabulary

Internet
Sharing
Searching
Personal Information
Privacy
Content



COMPUTING PROGRESSION MAP



Vocabulary

Search engine

Internet

Results

Input

Evaluate / Discern

RECEPTION

- Begin to list different IT in their home

NURSERY

- Knows how to operate simple equipment, e.g. turn on CD player, uses a remote control, can navigate touch-capable technology with support

USE OF IT BEYOND SCHOOL

Progression Map

YEAR 1

- Begin to recognise & describe about how new information technology could enhance their lives

COMPUTING PROGRESSION MAP



Vocabulary

Algorithm

Sequence

Selection

Repetition

Variable

Instruction

Debug

Test

Prediction

Design

RECEPTION

- Begin to give reasons why we need to stay safe online
- Can use the internet with adult

NURSERY

- Know how to handle equipment safely
- Begin to know that they shouldn't use devices without supervision

SAFE USE Progression Map

YEAR 1

- Begin to evaluate ways of staying safe, including online.