

Green My Thinking

My Thinking

-Designing and Making

- [] Design things that are useful and look good
- [] Think of ideas and show them in drawings, pictures, sound or by talking
- [] Choose the right tools to make something with
- [] Choose the right materials based upon what they are like eg something soft
- [] Look at things and say what is good and bad
- [] Look at what I have made and say what is good and bad
- [] Build things and with support make them better eg stronger
- [] Explore different moving parts in things I make eg wheels

-Problem solving

- [] Understand that things are not permanent and may go and come back later.
- [] Show understanding an object is needed
- [] To gain access to an object by asking or looking for it.
- [] Solve basic problems by observing and copying.
- [] Build resilience trying different strategies to solve a problem.
- [] Remember problem solving techniques over time.
- [] Apply a new strategy if the first one doesn't work
- [] Ask for help when solving a problem.
- [] Solve a problem independently
- [] Generalising strategies to solve similar problems
- [] Develop confidence in problem solving
- [] Solve a problem as part of a team

-Basic ICT skills.

- [] Controls a switch
- [] Activates toys
- [] Uses an interactive ict (iPad and IWB)
- [] 1. shows interest in interacting
- [] 2. Swipes hands and fingers across the screen
- [] 3. Searches for a game / app

-Intentional play

- [] Controls simple remote controlled toys
- [] Programmes beebots
- [] Explores laptops / pc – pressing random keys
- [] Uses basic computer programmes with increasing independence e.g. go talk, clicker 7, art apps.
- [] Develops typing skills
- [] Uses the computer to answer questions and research projects
- [] Know how to use the computer and internet safely.
- [] Use the computer to record their work.

-Basic number and maths skills

-Number:

- [] Participates with number songs
- [] Uses numbers in play
- [] Counts by rote to 3, 5, 10, 20
- [] Recognises numerals
- [] Writes numerals
- [] Shows understanding of 1:1 correspondence
- [] Counts forwards and backwards
- [] Matches numerals to amounts
- [] Sequences numerals
- [] Identifies missing numbers on a number line.
- [] Adds 1 more
- [] Adds two numbers together
- [] Subtracts one
- [] Subtracts more than 1
- [] Explores division (sharing) and multiplication
- [] Recognises mathematical signs
- [] Names and uses mathematical signs.

-Money:

- [] Exchanges money for item in a shop
- [] Sorts coins by colour / size

--[]Names coins and notes.

--[]Adds two coins together

--[]Reads price tags and selects coins

-Time:

--[]Show understanding of first / then

--[]Anticipate events at certain times of the day

--[]Recognise day/ night, morning/ afternoon

--[]Ordering events on a timeline

--[]Explore the passing of time e.g. 1 min.

--[]Sing days of the week song

--[]Name days of the week

--[]Order the days of the week

--[]Name months of the year

--[]Order months of the year

--[]Name the seasons

--[]Read a clock to the hour

--[]Read a clock to $\frac{1}{2}$, $\frac{1}{4}$ and 5 minutes.

--[]Read a digital clock

-Shape:

--[]Explores different shapes

--[]Matches 2d and 3d shapes

--[]Names 2d and 3D shapes

--[]Uses maths vocabulary in play

--[]Finds 2D and 3D shapes in the environment

--[]Recognises the properties of shapes

-Measurement:

--[]Exploring filling emptying / heavy and light

--[]Using measurement implements and vocab in play e.g. rulers, scales.

--[]Identify big/ small, heavy/ light, full/ empty

--[]Order and compare biggest to smallest, heaviest to lightest etc.

--[]Measure an object using non- standard units e.g. cubes, hands,

--[] Measure an object using standard units e.g. cm, ml, g.

-Science skills of observation and enquiry.

--[] Show awareness of the world around them

--[] Show curiosity about the world around them

--[] Observe different materials and how they can be changed

--[] Observe changes e.g. messy play area, weather.

--[] Observe different forces and how they affect objects

--[] Observe different animals, their habitats and life cycles.

--[] Observe plants as they grow. Explore what they need to survive.

--[] Find an adult to show what they have found.

--[] Gather resources needed

--[] Find objects on request

--[] Ask questions

--[] Identify how to find the answers they are looking for.

--[] Make predictions

--[] Record results

--[] Use scientific vocabulary