

# Let's Learn at Home



# Children under 3 years old



### What do we need?

Shapes are everywhere

Circles and spheres Treasure Basket

- Basket to put objects in
- Bangles, bracelets, tin lids, CD's saucers, plates, balls, orange, pom pom's metal bowls and grapefruits etc.
- Open ended materials which are circles and sphere
- Include identical items so that children can match and look for objects which are the same

#### What do we do?

- Provide a basket with a variety of objects in which gives your child the opportunity to compare, match and sort circles and spheres
- Provide time for the child to investigate and explore the objects
- Watch how your child will group and categorize the objects
- Provide commentary such as "same" or "different", "circle" and "round"
- Use language such as "can you find the same as", "can you find an object that rolls?"
- Use mathematical language during the day e.g. "you have two round buttons on your jumper" or "can you get me a round plate for your toast?"
- Look around the house with your child to find objects which are circles and spheres
- To further their learning introduce a different shape treasure basket



#### What are we learning?

- Develops and awareness of shapes
- Sorting and matching
- Moving and handling
- Being involved and concentrating
- Making links
- Notices simple shapes
- Begins to use the language of size

# Children 3 to 5 years old



## What do we need?

## Headband game What's my shape?

- Card to make a head band
- Card to draw individual shapes on as seen in the Picture
- Provide lots of cards with different shapes on for the child to describe and guess
- Double up images as other family members will have different ways of describing the shapes

#### What do we do?

- Select one person to wear the headband and choose a card from the pile
- Without looking at the card, display the shape on the head band for the rest of the family to see.
- The person wearing the band now needs to ask a series of questions to guess the shape, the rest of the family can only give a yes or no response.
- Try to use key vocabulary linked to the shape
- Your child then asks questions e.g. "Is my shape round? Does my shape have four sides? Does it have a point? Am I a solid shape? Do I roll?"
- How many questions will you need to ask to name your shape?



#### What are we learning?

- Shows interest in shapes
- Beginning to talk about shapes
- Can describe shapes
- Selects a particular named shape
- Taking turns
- Communication and language
- Being involved and concentrating



# What do we need?

#### Shapes are everywhere

- Wire cutters
- Wire coat hangers
- Electrical tape or cellotape
- Bubble mixture
- A large bucket

#### What do we do?

- Cut the hook off your coat hanger (adults only)
- Bend the hanger wire to make a large shaped bubble blower
- Use tape if needed to cover any sharp wire ends
- Fill the bucket with bubble mixture
- Dip your shaped bubble wands into the bucket and see if you can make a long shaped bubble.
- Which shape makes the best bubble? Encourage your child to use the correct shape names as they explore with their bubble blowers



- To explore with shapes
- Early science exploration
- Mathematical language
- To be creative
- Problem solving
- New vocabulary

