

Moving AIR







Moving AIR



The children should predict which material is easiest to move, and which the hardest.

They then experiment and fill in the table, either by sticking in visual pictures (*Infants*) or in writing (First and Second classes)."

(A suggested way, for controlling the blowing, is to give each child a straw and ask them if they can move the material by blowing at it).

Material	How I tried	Did it move?	
	to move material	Yes	Νο
Kitchen foil			
Tissue			
Polystyrene			
Newspaper			
Cotton material			
Ping pong ball			



Pictograms are very suitable for this activity with Infant classes: e.g. To represent how far each material moved with the same number of puffs.

Which material was easiest to move? Why?

Which were you able to move the furthest? How far were you able to make it move?

How can you make it a fair test?

The children can classify the things into 'Easy to Move' and 'Hard to Move'.

A follow-up question could be asked: "Does the shape make any difference?" e.g. "Is it easier to move a piece of kitchen foil when it is flat or when it is rolled up in a ball?"





Moving AIR



	2. Can the children think of ways of moving bubbles?			
	The children can make bubbles by blowing through a straw			
	Ask them "How do you make small bubbles? Big bubbles?"			
	What happens when you blow gently? Blow hard?"			
	Can they measure the height of the bubbles? (standard or non-standard units can be used)			
	Can they think of ways of moving the bubbles in the direction they want by fanning them with			
	If they make paper fans (by pleating the paper and stapling at one end) does this make it easier to control the bubbles?) Ask the children "Do you notice anything else about the bubbles?" (The colours)			
	"Do they remind you of anything?" (The rainbow colours)			
	MATHS: First and Second Classes: Take a length of paper (<i>or graduated paper</i>) and mark 'START' and 'FINISH' on it, with distances in-between, e.g. 5 cm., 10 cm., etc. This would make it easier to decide which material went the furthest.			
Safety:	DO NOT SUCK THE BUBBLE MIXTURE! – it might make you sick.			
Follow-up activities:	1. Infants could play a game of air football in pairs, using straws and green card and whichever material they found the easiest to blow when rolled up into a ball.			
	2. Make boats out of a cork or paper, then blow or fan them on water; they could have a race. (A large container of water – it can be shallow - would be needed).			

