

Characteristics of Effective Learning

A is an active learner, very engaged in whatever she is doing. She will persist with challenges until she succeeds or will find alternative solutions. She likes to explain how she has solved problems. She will use prior knowledge to solve new problems.

Shape, Space and Measure

Child A Judgement: Exceeding

Active Learning - motivation

Being involved and concentrating - maintaining focus, showing high levels of energy not easily distracted, paying attention to details  
Enjoying achieving what they set out to do - show satisfaction in meeting own goals: being proud, enjoying meeting challenge for own sake

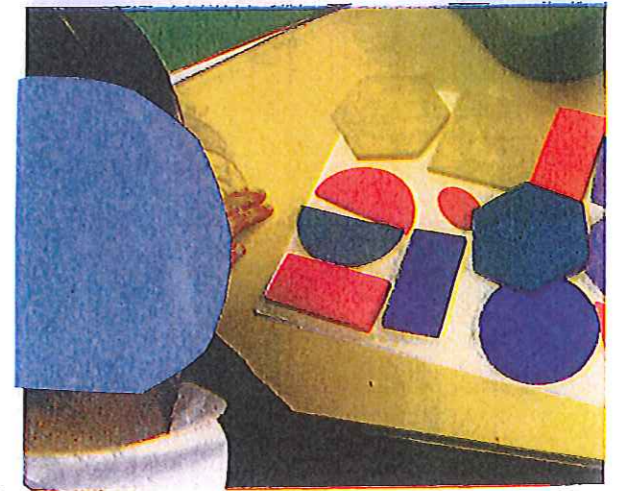
Creating and Thinking Critically - thinking

Making links - noticing patterns in their experience

She made a fire engine in the construction area. 'My ladder's really long - it's taller than me!' She then asked me to help her measure it with the meter stick. 'It's more than 100!' Together we worked out it was 155cm. She compared it to her friends' ladders. 'Mines the longest!' The next day she made a very long tower using unifix cubes. 'Let's get the measuring stick!' she said and then measured it with her friends. 'It's a lot longer!'



23-10-13  
told me an octagon has 8 sides a triangle has 3 sides. 'A rectangle has 2 short sides but a square has sides - all the same.' We explored circles together made a circle.



This bottle holds the most because it is really tall and fat. I guess this one holds the least - it will only need 2 cups to fill it.

"I need something to roll down my slope - it will need to be round. You collect something - we could find a ball. No that box won't roll because it has all straight sides. Oh look - we could slide it down!"

A was building a tower with bricks. "Mine is not as tall as yours. I guess you have 20 bricks, I have less - only about ...mmm..13 I think, cos if you measured - mine is that much shorter."

When the beebot turned, it turned a quarter way round. If you press turn again, it will then have turned half.

It is 11 o'clock - in one hour it will be lunch time - that's good! I'm hungry

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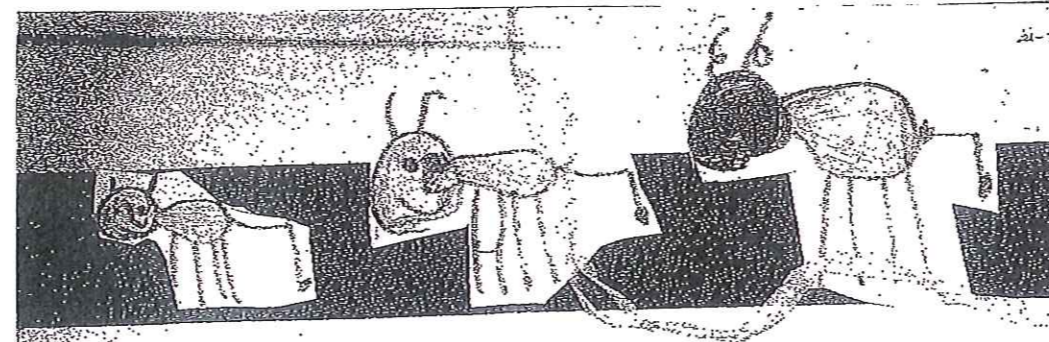
Keeping on trying - persisting when challenges occur, a belief that more effort or different approach will pay off

Creating and Thinking Critically - thinking

Having their own ideas - thinking of ideas, finding ways to solve problems, finding new ways

Making links - noticing patterns in their experience, making predictions, testing ideas, developing ideas of grouping, sequences, cause and effect

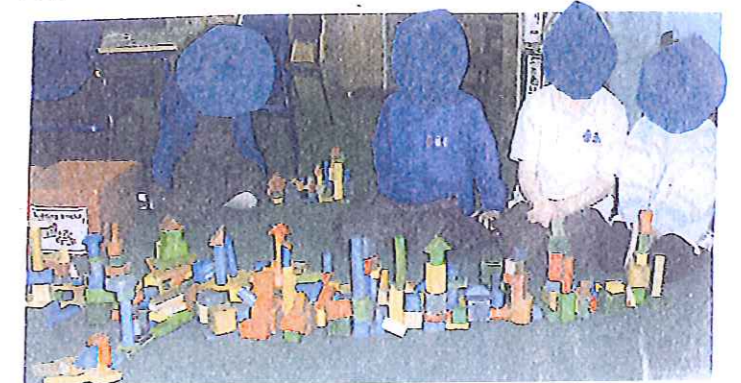
Choosing ways to do things - planning, making decisions, solve a problem and reach a goal, checking how well their activities are going, changing strategy as needed, reviewing how well the approach worked



trow boats

"I've got a big medium and a small goat!"

A. told me she had helped to make a shape town. She accurately named cubes, cuboids, cylinders and "pointy pyramids" but we didn't use spheres cos they roll away. "The best ones for a roof are pointy, but cuboids are best for putting on top of each other - they don't fall"



A. spent a long time setting up a slipway for the lifeboat. 'It's gotta be higher at this end!' She overlapped the pieces of guttering and directed it into the water tray. After a while she got tired of running to fill her bucket so she found the wheelbarrow and then filled lots of containers with water and wheeled it over to the slipway. 'It's much quicker and the boats go really fast!' she observed as she poured lots of water down it. She then tried putting 5 boats on and was delighted that the bigger volume of water pushed them all down together.