

Talking and Doing Science in Kindergarten



Ruth Borg

Science... with 3 and 4-year-olds!?!

- Extensive research by Alison Gopnik (2009) asserts that children are intuitive scientists in their early years before formal schooling; they observe, raise hypotheses, experiment and notice patterns, the basis for statistics and evidence.
- Research suggests that children have formed their attitudes towards science by the age of nine. Tymms and Harlen (2009)
- “It is not about teaching the theory of science but about noticing and experiencing everyday science in action.”(p.2)

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STEM – Science, Technology, Engineering and Math









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flour 6 cups



sugar 3 1/2 cups



butter 1 1/2 cups



6 eggs



6 apples



3 cups
pumpkin



orange
zest



3 teaspoons
vanilla



2 teaspoon salt



2 teaspoons
baking soda
cinnamon
ginger and nutmeg













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