

Science – Year 3/4A Summer 1

States of Matter

What's the Matter?

Session 6

Resource Pack

Session 6 Teachers' Notes

Assessment

The Quiz PowerPoint will give you the opportunity to assess children's knowledge and understanding of the learning throughout this block. If you wish to use it as an assessment activity, give the children individual quiz sheets and ask them not to discuss their answers with one another. It is suggested that each question is read aloud including the choices of answer since the assessment is of the child's scientific knowledge and not their reading ability. If you do not wish the quiz to form part of an assessment, the children could participate in pairs to stimulate discussion around the questions and answers. If this is the case, give out one quiz sheet between two children. At the end of the quiz, collect the papers in to mark later if you are doing an assessment (an answer sheet is provided in the resource pack), but if not, show the Quiz Answers PowerPoint so children can mark their own or swap and mark - this will help to reinforce the learning of the block.

Creating a Game, Puzzle or Quiz

The outcome of this session is to create a game, quiz or puzzle that teaches the user something about states of matter or rehearses vocabulary and content. The Task PowerPoint offers a number of suggestions to help guide their thinking and children will hopefully come up with some workable ideas. Allocate pairs or small groups each project depending on the amount of work involved, e.g. a card game needing 24 cards would be suitable for 4 children whilst a board game on a sheet of A3 card might better suit a pair. A vocabulary sheet is provided which can be given as a prompt to groups who may need a little more support. It is suggested that children work in mixed age groups for this final outcome but you will have higher expectations of Year 4s with regard to leadership, organisation and subject knowledge.

Name or Names



Quiz on States of Matter

Question number	Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	



States of Matter

Quiz Answers

Question number	Answer
1	C
2	A
3	B
4	C
5	B
6	C
7	A
8	C
9	B
10	A
11	A
12	C
13	A
14	C
15	C
16	A
17	C
18	C
19	B
20	A

States of Matter

Matter	Properties	Wind
State	Freezing	Speed up
Solid	Melting	Spread out
Liquid	Evaporation	Water Cycle
Gas	Condensation	Carbon Dioxide
Ice	Precipitation	Nitrogen
Water	Clouds	Oxygen
Vapour	Sea	Transpiration
Invisible	Rivers	Respiration
Temperature	Lakes	Photosynthesis
Changing	Flow	Fair test
Particles	Pour	Planet Earth
Bonds	Heat	Nature