



Wembley
Multi-Academy
Trust

ACHIEVEMENT FOR ALL



EAST LANE PRIMARY SCHOOL

YEAR 4

Science

Autumn

Homework Booklet

2024 - 2025

SCIENCE HOMEWORK



Science Homework is due on Tuesday each week.

You will need to use your text book: '*Cambridge Primary Science Learner's Book 4*', that will be issued to you at the start of the Spring Term, to complete the activities.

Each half term you will have a set of activities that link with the topic you're learning in Science.

Autumn Term 1 - Science

Due on 17/09/24	1.1 Bones and skeletons <ul style="list-style-type: none">- Answer 'Getting Started' Questions 1-4 on page 2.- Write a short paragraph summarizing the main facts about the skeleton on page 3.- Answer Questions 1-4 in the blue activity box on page 4.	Pages 2-5
Due on 24/09/24	1.2 Why we need a skeleton <ul style="list-style-type: none">- Answer 'Getting Started' Questions 1-3 on page 6.- Write a short paragraph summarizing the main facts about the functions of skeletons on pages 6-7– you may add diagrams if you wish.- Answer Questions 1-4 on page 7.- Optional: complete Activity: Measuring bone lengths on pages 7-8.	Pages 6-8
Due on 01/10/24	1.3 Skeletons and movement <ul style="list-style-type: none">- Answer 'Getting Started' Questions on page 9.- Write a short paragraph summarizing how muscles work on pages 10 and 13.- Answer Questions 1-4 on page 11.- Answer Questions 1-3 on page 13.	Pages 9-14
Due on 08/10/24	1.4 Different kinds of skeletons <ul style="list-style-type: none">- Answer 'Getting Started' Questions on page 15.- Write a short paragraph summarizing features of animals with and without bones on pages 16, 17 and 19.- Answer Questions 1-5 on page 18.- Complete the Activity: Identify vertebrates and invertebrates and answer the questions 1-3 on pages 20-21.	Pages 15-21

Due on 15/10/24	1.5 Medicines and infectious diseases <ul style="list-style-type: none"> - Answer 'Getting Started' Questions on page 22. - Write a short paragraph summarizing the information on pages 23,24, 25 and 26. You may use diagrams. - Answer Questions 1-3 on page 24. - Answer Questions 1-4 on page 25. - Answer Questions 1-3 on page 27. 	Pages 22-27
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Autumn Term 2 – Science

Due on 29/10/24	2.1 Energy around us <ul style="list-style-type: none"> - Complete 1-5 on page 29. - Answer 'Getting Started' Questions on page 31. - Write a short paragraph summarizing the information on pages 32. You may use diagrams. - Answer Questions 1-2 on page 32. - Complete the Activity: Demonstrate what energy does on page 33. 	Pages 29-33
Due on 05/11/24	2.2 Energy transfers <ul style="list-style-type: none"> - Answer 'Getting Started' Questions 1-3 on page 35. - Write a short paragraph summarizing the information on pages 36-37. - Complete the activity 'Think like a scientist 2' on page 37. - Complete the Activity: Identify energy transfers on page 38. 	Pages 35-38
Due on 12/11/24	2.3 Energy changes <ul style="list-style-type: none"> - Answer 'Getting Started' Question 1-3 on page 39. - Write a short paragraph summarizing the information on pages 40 and 42. You may use diagrams. - Answer Questions 1-2 on page 42. - Answer Questions in the green box on page 42. - Optional: Complete the Activity: Observe Energy Changes and answer questions 1-4 on page 41. 	Pages 39-42
Due on 19/11/24	Complete Revision booklets	
Due on 26/11/24	2.4 Energy and living things	Pages 43-45

	<ul style="list-style-type: none"> - Answer 'Getting Started' Questions 1-3 on page 43. - Write a short paragraph summarizing the information on pages 43,44 and 45. You may use diagrams. - Answer Questions 1-3 on page 44. - Answer Questions 1-3 on page 45. - Answer Questions 1-3 on page 46. 	
Due on 03/12/24	<p>3.1 Materials, substances and particles</p> <ul style="list-style-type: none"> - Answer 'Getting Started' Questions 1-3 on page 49. - Write a short paragraph summarising the main facts about the materials, substances and particles on pages 50-51– you may add diagrams if you wish. - Answer Questions 4-7 on page 51. - Optional: complete Activity: Demonstrate particles of liquids move on page 51 - Write a short paragraph summarising the main facts about the materials, substances and particles on pages 52 you may add diagrams if you wish. - Answer questions 1-4 on page 53 	Pages 49-53
Due on 10/12/24	<p>3.2 How do solids and liquids behave?</p> <ul style="list-style-type: none"> - Answer 'Getting Started' Questions on page 54. - Write a short paragraph summarising the properties of solids, liquids and gases on pages 54 and 55. - Write a short paragraph summarizing "Can solids behave like liquids?" on page 56 - Answer Questions 1-7 on page 57. 	Pages 54-57
Due on 17/12/24	<p>3.3 Melting and solidifying</p> <ul style="list-style-type: none"> - Answer 'Getting Started' Questions on page 58. - Write a short paragraph summarising changes of state on pages 58 and 59. - Answer Questions 1-3 on page 59. Optional: complete Activity: What happens to ice when it is heated on page 59. - Write a short paragraph summarising changes of state and particle model on page 60. - Complete Activity: Compare melting in different solids on page 61. - Answer questions on page 1-7 on page 61. 	Pages 58-61