# Children's Games S List of exhibits

NB Unless otherwise stated, the exhibits are from the John Johnson Collection of Printed Ephemera, which is abbreviated in the following list to JJ.

## **Comic metamorphoses**

- 1. Neue Wagen-Metamorphosen. Nouvelles metamorphoses de voitures. New carriage-metamorphoses. [18 wooden pieces in a box. Germany, c.1835–1850.] JJ Games 8(2)
- 2. The changing companions. Comic metamorphosis. Die veränderlichen Gesellschafter. Komische Verwandlungen. Les compagnons inconstants. Métamorphoses comiques. [40 wooden pieces in a box. 1850s–60s.] JJ Games 8(4)
- 3. The Mummers; or, Comic Transpositions. [30 pieces on card, incomplete.] London: E. Wallis, [1840s?]. JJ Games 8(1)
- 4. Lecture on heads, a chimney ornament, for the amusement of all ages. (London): S. & J. Fuller, [c.1810]. Opie E 62
- 5. [Untitled cards: comic transpositions. 43 strips on card., c.1830.] JJ Games 8(6)
- 6. Taffetas d'Angleterre et quatre costumes. [Manuscript. c.1830s.] JJ Games 4(18)
- 7. [Bust of young lady with eight costumes, manuscript. c.1820.] JJ Games 4(3)

# Paper dolls and Protean figures

- 8. Reiterlust. Plaisir de cavalier. The plasure [sic] of riding. [2 horses and 10 men, c.1860s.] JJ Games 1(2)
- 9. The Protean figure and Metamorphic costumes. [1 figure and 12 costumes in a portfolio in a slip-case.] (London:) S. & J. Fuller, 1811. JJ Games 4(17)
- 10. The Protean figure and Metamorphic costumes. London: S. & J. Fuller, 1811. JJ Games 4(18)
- 11. The Protean figure and Metamorphic costumes. London: S. & J. Fuller, 1811. Opie E 26
- 12. *Dolly's dressmaker*. Part 1. Sixth edition. [Portfolio, 12 sheets of patterns, coloured sheet of designs, accompanying booklet.] London: A.N. Myers & Co. & Berlin: Winckelmann & Sons, [c.1870]. JJ Games 4(10)
- 13. The history of little Fanny, exemplified in a series of figures. [7 figures and moveable head.] London: by D.N. Shury for S. & J. Fuller, 1810. Opie E 55

- 14. The history of little Fanny, exemplified in a series of figures. The third edition. London: for S. & J. Fuller, 1810. Opie E 56
- 15. The history of little Fanny, exemplified in a series of figures. The fifth edition. London: for S. & J. Fuller, 1810. Opie E 57
- 16. Lucile Grahn. Erste Tänzerin von London. First dancer of London. [Figure, stand, six dresses and two hats. 1840s.] JJ Games 4(4)
- 17. Lady Margaret & her gowns. Belles of the season series. No. XII. [Box, figure, 6 dresses and one hat.] London, Paris & New York: Raphael Tuck & Sons. [1890s]. JJ Games 4(8)

## Scientific pursuits and mathematical puzzles

- 18. *The solar system*. [A transparency.] London: Samuel Palmer, [c.1830s]. JJ Games 9(2)
- 19. The portable eidouranion; or, Juvenile transparent solar system. [A transparency.] London: John Offor, [1824]. JJ Games 21(1)
- 20. *Urania's mirror, or, A view of the heavens.* [Box with 33 cards, 15 coloured (numbered) and 18 black and white, although full set announced as having 32 cards.] London: Samuel Leigh, [1825]. JJ Games 9(1)
- 21. Just published... Urania's mirror; or, A view of the heavens. [Announcement.] London: Samuel Leigh, [1825]. JJ Indoor Games 5
- 22. The theory of the seasons and signs of the zodiac. London: J. Reynolds, [c.1840]. JJ Games 27(1)
- 23. Mechanical addition. [1880s?] JJ Games 16(2)
- 24. [Chinese puzzle. Marquetry box with 6 (of 7) pieces. 19th century.] JJ Games 16(6)
- 25. *Chinese puzzle*. [Box with 7 wooden pieces. Tangram. c.1840–1860.] JJ Games 16(5)
- 26. Calculator puzzles. Two games in one. Regular posers. [Magic square. 16 numbered wooden discs in a wooden box. London: John Jaques?, 1850s.] JJ Games 16(1)

### **Elegant and instructive games**

- 27. Wallis's elegant and instructive game exhibiting the wonders of nature, in each quarter of the world. London: E. Wallis, 1818. JJ Games folder (22)
- 28. Explanation to Wallis's elegant and instructive game, exhibiting the Wonders of nature, in each quarter of the world. (Directions and Explanation.) London: Edward Wallis, [1830s?]. JJ Indoor Games 9

- 29. Historical pastime. A new game of the history of England. London: E. Wallis & J. Harris, [1828]. JJ Games 26(8)
- 30. The travellers of Europe; with improvements and additions. London: William Spooner, 1852. JJ Games folder (26)
- 31. Siege of Sebastopol, a new and amusing game. [London:] Dean & Son, [after 1855]. JJ Games folder (39)
- 32. Beside the broad ocean. Game. [c.1860s.] JJ Games 25(8)
- 33. The little dickey birds: or, The wrong and the right. A new game for children. [Board with teetotum, 12 counters, and rules.] London: Standring & Co., 1860. JJ Games 27(2)
- 34. Little red riding hood. A new game. [Board, teetotum, 31 counters, 6 letters, rules, and story.] London: E.C. Bennett, [1835–40?]. JJ Games 26(16)
- 35. J.M. Kronheim & Co.'s Wolf & lamb game. [Board and box with 1 wolf and 13 lamb counters. London:] J.M. Kronheim & Co., [c.1875]. JJ Games 26(26)
- 36. *Jumbo. The children's friend*. [Title on board: *Jumbo walking in the zoo*. J.W.] Barfoot, [after 1865.] JJ Games 25(1)
- 37. [Untitled children's goose game. Board. Germany?, c.1900.] JJ Games 25(6)
- 38. The new game of the Siege of Paris, [Wooden box with board and 12 ordinary men white, 12 ordinary men blue, 6 ordinary men red, 6 special white (captains, lieutenants, general, colonel), 6 special blue (4 different types), 2 special red. 1871–1875.] JJ Games 26(3)
- 39. The Siege of Paris. Rules of the game. [1871–1875.] JJ Games 26(4)
- 40. Belagerungs-Spiel. Le jeu de siège. The play of siege. [Brown box with 10 white counters, 12 purple counters, 24 orange soldiers, 2 black soldiers and rules; reverse of lid is a board for Nine men's morris; base of box is a draughts board. [Germany, c.1850.] JJ Games 28(1)
- 41. Belagerungs-Spiel. Le jeu de siège. The play of siege. [Green box with 12 white counters, 12 purple counters, 24 orange soldiers, 2 black soldiers and rules. Reverse of lid is a board for Nine men's Morris, base of box is a draughts board. Germany, c.1850]. JJ Games 28(2)

# On wall

- 42. *The Overland Mail from England to India*. Dartford: J.A. Reeves, [c.1855]. JJ Games folder (27)
- 43. The new game of the Royal Mail or London to Edinburgh, by L. & N.W. Railway. London: John Jaques & Son, [c.1886]. JJ Games folder (28)
- 44. Bowles's British geographical amusement, or Game of geography; in a most compleat and elegant tour thro' England, Wales, and the adjoining parts of Scotland & Ireland. London: Carington Bowles, 1780. JJ Games 26 (1)

# **Toy Theatre**

- 45. The 'Neptune' toy theatre. [Hoxton, Benjamin Pollock?, early 20th century. With scenes and characters from *The Corsican brothers*.] Kindly lent by Peter Baldwin.
- 46. Pollock's characters & scenes in the Battle of Waterloo. London:

- B. Pollock, [between 1876 and 1937. Originally published by J.K. Green in 1842]. JJ Miniature Theatre 1
- 47. *Pollock's characters & scenes in the Forty Thieves*. London: B. Pollock, [between 1876 and 1937. Originally published by J.K. Green in 1836]. JJ Miniature Theatre 1
- 48. *Pollock's characters & scenes in Oliver Twist*. London: B. Pollock, [between 1876 and 1937. Originally published by John Redington before 1876]. JJ Miniature Theatre 1
- 49. Pollock's characters & scenes in Whittington and his cat or Harlequin Lord Mayor of London. London: B. Pollock, [between 1876 and 1937. Originally published by J.K. Green in 1853]. JJ Miniature Theatre 2

#### On wall

- 50. *Sindbad. Drury Lane pantomime*. [A poster by John Hassall.] London: Johnson Riddle, Couchman & Co., [1906]. JJ Posters: theatrical. Drury Lane (11)
- 51. Puss in new boots. Drury Lane pantomime [A poster by John Hassall.] London: Johnson, Riddle & Co., [1916]. JJ Posters: theatrical. Drury Lane (18)
- 52. Humpty dumpty. Drury Lane children's pantomime. [A poster by Vernon Barrett.] London: Johnson, Riddle, Couchman & Co., [1903]. JJ Posters: theatrical. Drury Lane (8)

# Jigsaws and dissected puzzles

- 53. Whole length portraits of the Kings and Queens of England, displayed in chronological order, exhibiting the age, death, and character, of each monarch, with the principal events of their reign. [83 pieces.] (London:) John Passmore, [c.1847]. [Title and imprint from the box; Passmore is on a strip pasted over the original imprint; Edward Wallis is named as publisher on the puzzle.] JJ Games 13(2)
- 54. The dockyard with the ship in all its stages. [Wooden box with 46 (of 48) pieces.] London: John Betts, [c.1845]. JJ Games 25(10)
- 55. *The miracles of our saviour.* [46 (of 49) pieces, one of which is unrelated. [J.R.]Barfoot, c.1860.] JJ Games 25(9)
- 56. Roarem Castle. [A game. Board with 36 counters (of which 5 are numbered 2 and one 3) on 2 pieces of card, a strip of 12 tokens, teetotum, and rules.] London: Standring & Co., 1860. JJ Games 27(3)
- 57. Roarem Castle. A game. [A jigsaw puzzle. Wooden box with rules, Guide sheet, 40 counters (of which 5 are numbered 2) on 2 pieces of card, and 42 pieces. 1860s.] JJ Games 27(4)
- 58. Landseer series. Double dissected puzzle. [43 pieces. c.1860.] JJ Games 13(6)
- 59. *The importance of punctuality*. [88 pieces, incomplete.] London: Bogue, [c.1870]. JJ Games 8(5)

#### Alphabets are fun

- 60. *Panoramic alphabet. (First series.)* Leeds: Webb and Millington, [c.1850]. JJ Alphabets 1
- 61. *Richardson's new royal battledore*. Derby: Thomas Richardson, [c. 1820]. JJ Battledores

- 62. The child's battledore. Alnwick: W. Davison, [c.1840]. JJ Battledores
- 63. *C.N. Wright's new & improved battledore*. Nottingham: C.N. Wright, [c.1840]. JJ Battledores
- 64. *Elliott's new battledore*. Hereford: printed by R. Elliott, [c. 1820]. JJ Battledores
- 65. Battledore. A present from London. London: William Darton junr., 1829. JJ Battledores
- 66. *Poor Richard's advice.* [A battledore.] Banbury: by J.G. Rusher, [c.1840]. Opie G 88
- 67. *Poor Richard's advice*. [A battledore.] Banbury: by J.G. Rusher, [c.1840]. Opie G 89
- 68. Gaffer Goodman's picture horn-books. A progressive series. No. 1. The alphabet and words of two letters. London: Chapman and Hall, [c. 1850]. JJ Battledores
- 69. [French military panoramic alphabet. Wanting lower board. c. 1840.] JJ Alphabets 1
- 70. The children's royal ABC and illustrated spelling book. [With cover title: Cousin Rosebud's royal alphabet and illustrated spelling book.] London: S. Marks and Sons, [c.1845]. Opie G 1
- 71. The picture alphabet for a good child. [32 card discs (1 in facsimile) in wooden drum. c.1820.] JJ Games 11(5)
- 72. [A hornbook, beginning +Aabc, containing the alphabet, Lord's Prayer, &c. London? c.1620.] Arch A f.11
- 73. Letters, words, and objects. Beautifully colored, for good children. Nottingham and London: (Stevenson & Yates), [c.1850]. JJ Alphabets 1
- 74. *Harlequin's ABC*. London: (W.S. Johnson), [c. 1850]. JJ Alphabets 1
- 75. The little wonder ABC and picture blocks. [19 (of 24?) wooden blocks in a wooden box with sliding lid. [c. 1850.] JJ Games 11(4)
- 76. Improved moveable alphabet. [Hand-coloured picture-card, with volvelle showing letters through cut-out window. c.1850.] JJ Alphabets 3
- 77. Letters and short words, or Alphabetical dominoes. [124 (of 125) wooden dominoes in a wooden box with sliding lid; instructions pasted on inside of lid; accompanying advertisement sheet.] London: D. Ogilvy, [c.1850]. JJ Games 11(1)
- 78. [Alphabet sheet]. No. 23. London: William Darton, 1821. Opie G 12a
- 79. *The alphabet in verse*. [25 engraved slips, uncoloured.] London: W. Darton & J. Harvey, 1800. JJ Alphabets 3
- 80. *Mama's little pet's ABC*. (Read & Co.'s inimitable toy books.) London: Read & Co., [c. 1860]. JJ Alphabets 1
- 81. *ABC pictures and letters*. [9 wooden squares in a wooden box with sliding lid. c.1850.] JJ Games 12(4)
- 82. ... *Picture alphabet cards*. [25 cards (1 duplicated) in a card box, top missing.] London & Edinburgh: T. Nelson & Sons, [1880?]. JJ Alphabets 1
- 83. *Grandmamma Easy's Alderman's feast; a new alphabet.* London: Dean & Son, [1858?]. JJ Alphabets 1

#### The little builder

- 84. Neues architect Verwandlungslpiel [sic] mit 160. rechtwinklichten Triangeln. Nouveau jeu architechtonique varié de 160. triangles rectangles. [Box with 124 coloured wooden right-angled triangles. Germany], (imported and sold by J. Walton & Sons, London), [c.1850]. JJ Games 2 (16)
- 85. Stone educational blocks. No. 0. [Box with 19 blocks and a sheet of 24 patterns.] Hungary, [1920s–1930s]. JJ Games 2 (17)
- 86. Wenebrix an instructive architectural toy. [1916]. JJ Indoor Games 9
- 87. [Blasche, Bernhardt Heinrich, 1766–1832] Papyro-plastics, or the art of modelling in paper; being an instructive amusement for young persons of both sexes. From the German, by D. Boileau. Third edition. With twenty-two plates. London: for T. & T. Boosey, 1830. Opie K 19
- Patent-building-brick-boxes. Leipzig: Leipziger Lehrmittel-Anstalt (Dr. Oskar Schneider), [1885?]. JJ Indoor Games 9
- 89. "The Toy the Child likes best" is the Anchor Box! [Advertising card.] Rudolstadt: Richter's Printing Works, [1893?]. JJ Indoor Games 9
- 90. The little builder or how a child may make a cardboard village without using any adhesive material, a toy-book for all seasons. London: Ward & Lock, [1860]. 2529 d.247

#### On wall

- 91. *Mother Goose. Drury Lane Children's Pantomime.* [A poster.] London: J. Miles & Co., [1902]. JJ Posters theatrical Drury Lane (6)
- 92. *The White cat. Drury Lane pantomime.* [A poster by Harry Mitchell.] London: J. Miles & Co., [1904]. JJ Posters: theatrical. Drury Lane (9)

# **Parlour games**

- 93. *The infant's library*. Book 13. London: John Marshall, [1800], Opie V 9 (13)
- 94. A new and original book of forfeits, or, Recreations of mirth for juvenile parties. London: T. Hughes, [1831?]. Opie K 52
- 95. A new book of games and forfeits ... with plain directions for crying the forfeits. London: Dean and Munday, [1833?]. Opie K 54
- 96. The gaping, wide-mouthed, waddling frog. A new and entertaining game of questions and demands. With proper directions for playing the game and crying the forfeits. London: Dean & Munday, and A.K. Newman & Co., [c.1820]. Opie K 30
- 97. The frisking, barking, lady's lap-dog. A new game of questions and commands. London: John Marshall, 1822. Opie K 29
- 98. Stennett, R. Aldiborontiphoskyphorniostikos: a round game, for merry parties: with rules for playing the game. London: Dean & Munday, 1824. Opie L 290(5)
- 99. Badcock, John. Philosophical recreations, or Winter amusements: a collection of entertaining & surprising experiments in mechanics, arithmetic, optics, hydrostatics, hydraulics, pneumatics, electricity, chemistry, magnetism, & pyrotechny, or the art of making fireworks... London: for

- Thomas Hughes, sold by Sams, Mills, Boudery and Kirby and Allison, [c.1820]. 38491 f.29
- 100. The little marvel is a parlour steam engine. [London:]
  Stereoscopic and Photographic Company, [c.1850]. JJ Indoor Games 9
- 101. Snap-dragon polka. [London:] Concanen & Lee, [c.1880]. JJ Music Titles 5

# Brush, pen and pencil

- 102. *The progress of education*. [Engraved writing blank.] (London), R. Harrild, 1810. Harding B 44(34)
- 103. Infantile sports. [Engraved writing blank.] London: Laurie & Whittle, 1801. Opie Collection
- 104. Adventures of Franklin. [Engraved writing blank, inscribed.] London: W & T Darton, 1808. JJ Educational folder 5(21a)
- 105. *Queen Elizabeth at Tilbury Fort*. [Engraved writing blank.] London: W. Belch and J. Phelps, [c.1850]. Harding B 44(14)
- 106. *The Life of Nebuchadnezzar.* [Engraved writing blank, inscribed.] (London): J. Fairburn, [1820?]. JJ Educational folder 5(31)
- 107. Harlequin and Mother Goose: or The golden egg. [Engraved writing blank.] London: Laurie & Whittle, 1807. Opie Collection
- 108. [Exercise book used by Elinor Eddowes in 1773.] JJ Exercise books 4
- 109. [Exercise book used by James Beek in 1785.] JJ Exercise books 4
- 110. [Two quills. 19th century.] JJ Stationery artefacts B1
- 111. Improved inkstand. [c.1850]. JJ Stationery artefacts D1
- 112. London portable nib pens. [c.1850]. JJ Stationery artefacts B5
- 113. *Margate pier & jetty*. [A paint box by G. Blackman, London, [c.1850]. JJ Games 6(13)
- 114. [Blank book in flowery Dutch gilt wrappers, used by a child for stories in French and watercolours in 1798.] JJ Exercise books 4
- 115. *Drawing slate*. [With Directions and two strips of four patterns each. c.1890s.] JJ Games 5(12)
- 116. [Transparent drawing slate with ruler, crayon and sponge, without patterns.] c.1900. JJ Games 5(13)
- 117. Young artists water colors. [A paint box by unidentified manufacturer. c.1870.] JJ Games 6(2)
- 118. Non plus ultra Elephant book slate warranted. [Four parchment slates. n.pl., 1867?] JJ Games 5(8)
- 119. [Exercise book, numbered vol. 12, containing watercolour drawings of domestic events in the family of C.H. Wybergh, vicar of Isell, Cumbria, painted by his children in 1848.] MS Johnson e.19/2
- 120. [Another Wybergh family exercise book, 1850–1853.] MS Johnson e.19/5
- 121. My paint box. [1890]. JJ Games 6(10)
- 122. Hassell, J. The speculum; or, Art of drawing in water colours:

- with instructions for sketching from nature. The third edition, with additional plates. London: for the author, and sold by Sherwood, Neely, and Jones, 1816. Opie K 5
- 123. Grant, Horace. *Drawing for young children; containing one hundred and fifty drawing copies, and numerous exercises*. [Booklet and 96 cards in a box.] London: Charles Knight and Co., 1838. Opie K 31
- 124. [Laporte, J.] *The progress of a water-coloured drawing*. London: for the author, by E. Spragg, [c.1805]. Opie K 7
- 125. Choriorama, and Youth's Instructor in the art of composing & drawing landscape scenery. [Box, 16 strips, and instruction booklet.] London: J. Burgis, [c.1825]. JJ Games 5(1)
- 126. *Polyorama, or Endless changes of landscapes*. [Box and 16 strips, unnumbered.] London: Hodgson & Co., [c.1824]. JJ Games 5(2)
- 127. Le Milliorama. Se compose de douze fragmens de paysages qui, combinés ensemble trois par trois, donnent 1320 compositions différentes. [Paris?, c.1825.] Opie E66
- 128. Clark, John. *Myriorama*. A collection of many thousand landscapes. [Box and 15 (of 16) strips.] London: Samuel Leigh, 1824. Opie E 4
- 129. Clark, John. *Myriorama, second series. Italian scenery.* [Box and 24 strips.] London: Samuel Leigh, [c. 1824]. Opie E 5

#### **Outdoor Games**

- 130. Weibliche Gÿmnastik. Exercices de gymnastique pour les dames. Female gymnastics. [Box containing 20 blocks, instructions, and sheet of illustrations for the figured dance.] From R. McMichael's English and Foreign Bazaar, [London, c.1840]. JJ Games 27(7)
- 131. School boys' diversions: with proper directions for playing them. Second edition. In which are introduced several new and popular sports. Embellished with three beautiful engravings. From designs by R. Stennett. London: Dean and Munday, [1823?]. Opie K 81
- 132. [Puzzle blocks of children playing. A box containing 12 blocks and 5 guide sheets. 1860s]. JJ Games 15(2)
- 133. Clarke, William *The boy's own book: a complete encyclopedia of all the diversions, athletic, scientific, and recreative, of boyhood and youth. Fourth edition.* London: Vizetelly, Branston and Co., 1829. Opie K 117
- 134. Child, Lydia Maria. The girl's own book. Fourth edition. London: Thomas Tegg, N. Hailes, Bowdery and Kerby, R. Griffin and Co., Glasgow, Stillies and Brothers, Edinburgh, 1832. Opie K 107
- 135. O'Keeffe, Adelaide. Original poems: calculated to improve the mind of youth, and allure it to virtue. By Adelaide. Part II. Ornamented with elegant engravings. London: J. Harris, 1808. Opie P 338
- 136. Sports of childhood. London: Harvey and Darton, 1839. Opie K 83

#### A Christmas box (until January 2006)

- 137. Three Christmas cards of slates, c.1890. JJ Christmas Cards 6
- 138. Two Christmas cards: *A Jolly Party* and *A Christmas box*, c.1910. JJ Christmas Cards 6
- 139. Nine Christmas and New Year cards with embossed borders, some with mica flecks, 1870s? JJ Christmas Cards 4
- 140. Four gold and colour printed Christmas and New Year cards, 1870s? JJ Christmas cards 5
- 141. Sheet of 18 scraps of toys, c.1890s. JJ Scraps 6
- 142. *Ye Christmas pantomime*. [Pop-up Christmas card. B. Sulman, 1870s?] JJ Christmas card exhibition box
- 143. Three chromolithographs of children with alphabet blocks displaying Christmas and New Year greetings, c.1900. JJ Christmas Cards 5
- 144. *The Christmas pantomime*. London & New York: Frederick Warne & Co., [1889]. 252 c.16
- 145. Plowman, Thomas Forder. *Aladdin or, The wonderful lamp. An original Christmas pantomime.* Theatre Royal, Bath. Bath: Herald Office, 1889. JJ Pantomimes 1
- 146. Wood, J. Hickory and Collins, Arthur. *The true story of Sindbad. A gift from Drury Lane Theatre*. London: J. Miles & Co., 1906. JJ Pantomimes 1
- 147. Mr. Oscar Barrett's fairy pantomime, Cinderella. Written by Mr. Horace Lennard. Book of words. Lyceum Theatre, London. [1893]. JJ Pantomimes 2
- 148. French, Henri G. A new and original Christmas Pantomime, entitled: Sweet Cinderella, and Prince Poppitto; or, Three jolly butcher boys all of a row. London & Manchester: H. Darbyshire & Co., 1889. JJ Pantomimes 2
- 149. Thorn, Geoffrey. Book of the words of the gorgeous Christmas pantomime Robinson Crusoe. Grand Theatre, London. London: Dean & Son. 1886. JJ Pantomimes 1
- 150. Dance, George. Sinbad the Sailor. Grand Christmas pantomime. Princes Theatre, Manchester. Manchester & London: H. Darbyshire & Co., 1888. JJ Pantomimes 2
- 151. Six charming relief models. A delightful occupation for the young. Royal Art Novelty Series no. 154. Series II. London, Paris, New York: Raphael Tuck & Sons Ltd., [1899?]. JJ Games 2 (15)
- 152. Scrap of Santa with presents and children, embossed, with mica flecks, 1890s?. JJ Scraps 8
- 153. Father Christmas ABC. London and New York: F. Warne & Co., [1894]. JJ Alphabets 2