Mrs. Gregory & Mrs. Postlethwaite's group – Reasoning and problem solving answers

Bronze

1a. Sam can afford it because he has £1.25. Alex only has £1.05.
2a. Jon – B; Annie – A
3a. £1, 10p, 5p

1b. Jay can afford it because he has £1.15. Max only has £1.07.
2b. Sam – B; Manon – A
3b. £1, 50p, 10p

Silver

4a. Liam can afford it because he has £3.75. Laura only has £3.65.
5a. Erin – A, 250p or £2.50; Zak – B, 240p or £2.40.
6a. Any combination making £2.20, e.g. 2 x £1, 2 x 10p or £2, 2 x 5p, 10p

4b. Belle can afford it because she has £2.20. Usman only has £2.15.
5b. James – A, 310p or £3.10; Quinn – B, 325p or £3.25.
6b. Any combination making £1.30, e.g. 2 x 50p, 20p, 10p or £1, 20p, 2 x 5p

Gold

7a. Neither can afford it. Kyle has £4.35 and Erin has £3.85.
8a. Kevin has 1,270p or £12.70; Leah has 1,260p or £12.60.
9a. Various possible answers, including: 1 x £10 note, 1 x £1, 2 x 20p and 2 x 10p; 1 x £5 note, 3 x £2, 1 x 50p, 1 x 10p.

7b. Jack can afford it because he has £2.80. Tamina only has £2.60.
8b. Nell has 1,060p or £10.60; Lucas has 2,150p or £21.50.
9b. Various possible answers, including: 1 x £10 note, 2 x £1, 1 x 50p, 2 x 10p and 1 x 5p; 1 x £10 note, 1 x £2, 3 x 20p, 1 x 10p and 1 x 5p.