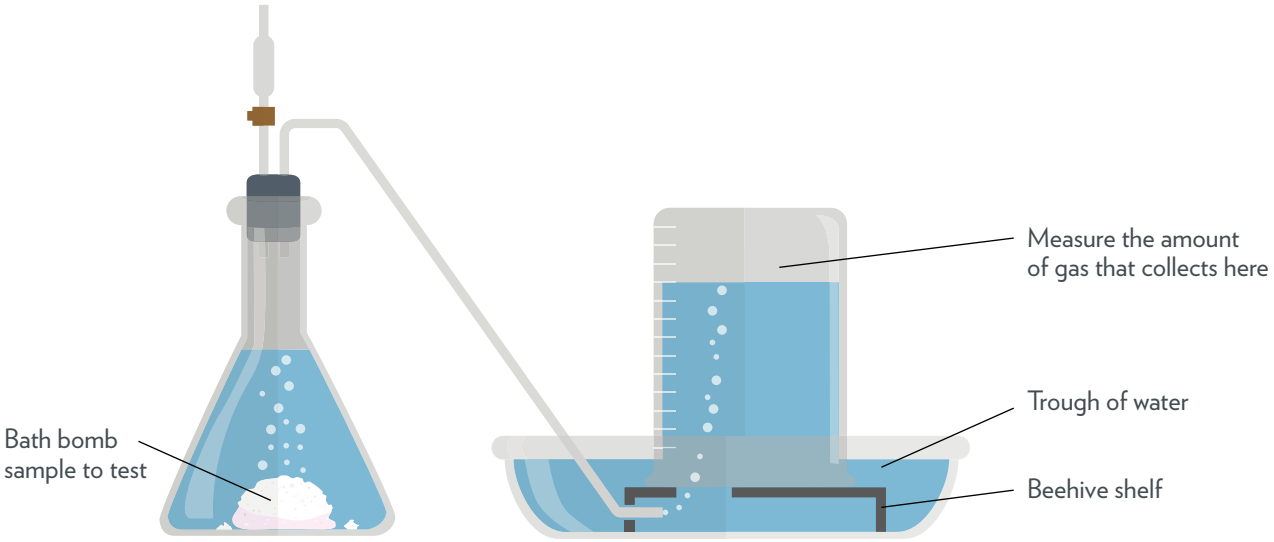
11-14s / 14-16s LESSON 3 (flexible): ACTIVITY SHEET 1

Results – online interactive

HOW CAN WE GENERATE THE MOST FIZZ?



The equation for the bath bomb reaction is:

_____ + _____ → _____ + _____ + _____

RESULTS TABLE

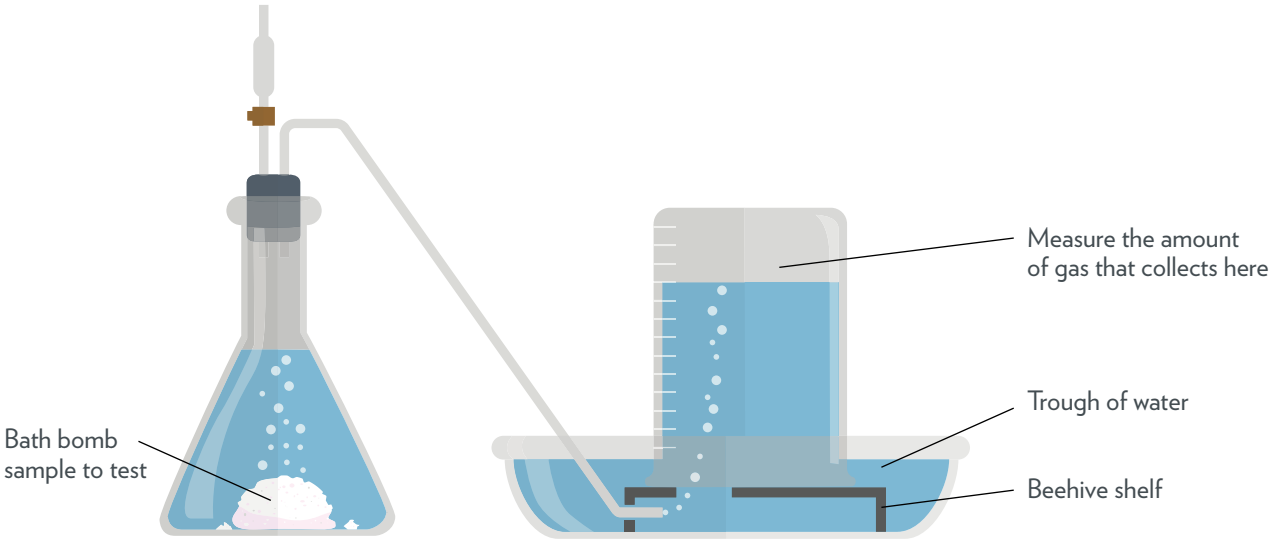
FORMULA	RATIO	SODIUM BICARBONATE (g)	CITRIC ACID (g)	CARBON DIOXIDE (cm3)	pH
A	2:1	34	16		
B	1:1	25	25		
C	1:2	16	34		
D	4:1	40	10		
E	1:4	10	40		

NOTES AND CONCLUSION

11-14s / 14-16s LESSON 3 (flexible): ACTIVITY SHEET 2

Results – practical experiment

HOW CAN WE GENERATE THE MOST FIZZ?



The equation for the bath bomb reaction is:

_____ + _____ → _____ + _____ + _____

RESULTS TABLE

FORMULA	RATIO	SODIUM BICARBONATE (g)	CITRIC ACID (g)	CARBON DIOXIDE (cm3)	pH
A	2:1	3.4	1.6		
B	1:1	2.5	2.5		
C	1:2	1.6	3.4		
D	4:1	4.0	1.0		
E	1:4	1.0	4.0		

NOTES AND CONCLUSION