

## The Lovelace 144 Club

"Knowing the times tables fluently helps children to develop their learning in maths because they can take that knowledge for granted, which frees up cognitive space for them to learn new mathematical ideas and apply maths to solve problems." (Jo Boaler)

At Lovelace Primary School we offer all children in KS2 (Y3-6) the opportunity to join an exclusive club called the 144 Club. **To be part of the 144 Club, children need to prove they know all of the 12 times tables.** Once a week your child's teacher will recommend children complete a times table grid of 144 jumbled up multiplication facts up to  $12 \times 12$ . To join the club and gain their first bronze badge, the children will need to complete the challenge in under 6 minutes.

The key to successfully completing this challenge is practise, practise, practise! With practice will come the quick recall and successful children will be celebrated in our achievements assembly with publication in our weekly newsletter!

Year 3 have started the 72 club for children who have mastered the Year 3 times tables. They have 8 minutes to solve 72 questions on the 1,2,3,4,5,8 and 10 times tables

### Times tables resources

<https://www.oxfordowl.co.uk/for-home/math-owl/top-tips--2/times-tables-tips>

<http://www.mathsisfun.com/multiplication-tips-tricks.html>

<http://www.dr-mikes-math-games-for-kids.com/times-tables-tips.html>

<http://www.kidzworld.com/article/4107-tips-and-tricks-to-tame-your-times-tables>

<http://www.instructables.com/id/Tables-of-6-7-8-and-9-in-your-hands/>

<https://komodomath.com/blog/times-tables-learning-tips>

<https://www.thoughtco.com/tricks-to-learn-the-multiplication-facts-2312460>

[https://teachmykids.co.uk/advice\\_and\\_tips/5-tips-to-help-children-learn-their-times-tables](https://teachmykids.co.uk/advice_and_tips/5-tips-to-help-children-learn-their-times-tables)

Workbook - <http://www.newtons.havering.sch.uk/school-life/curriculum/times-tables-challenge>

ONLINE PRACTICE - <https://www.timestables.co.uk/>

Randomised practice sheets - <http://www.timestables.me.uk/printable-pdf-quiz-generator.htm>

Printable drills - <https://www.math-salamanders.com/free-times-table.html>

DIY making games -

<http://www.3dinosaurs.com/wordpress/index.php/free-multiplication-roll-cover-printable/>

Printable sheets and 144 questions

[https://www.helpingwithmath.com/printables/tables\\_charts/cha0301multiplication144.htm](https://www.helpingwithmath.com/printables/tables_charts/cha0301multiplication144.htm)

Random grid generation [http://www.math-aids.com/Multiplication/Multiplication\\_Tables.html](http://www.math-aids.com/Multiplication/Multiplication_Tables.html)

Specific times tables tips and tricks

<http://www.instructables.com/id/Tables-of-6-7-8-and-9-in-your-hands/>

<http://www.dr-mikes-math-games-for-kids.com/11-times-table-tips.html>

<https://komodomath.com/blog/tip-for-learning-the-12-times-tables>

This sample sheet below shows the grid format we use. If you want to generate a random sheet for your self - please follow instructions [here](#).

## Sample sheet

Name:

Date:

Time Taken: