

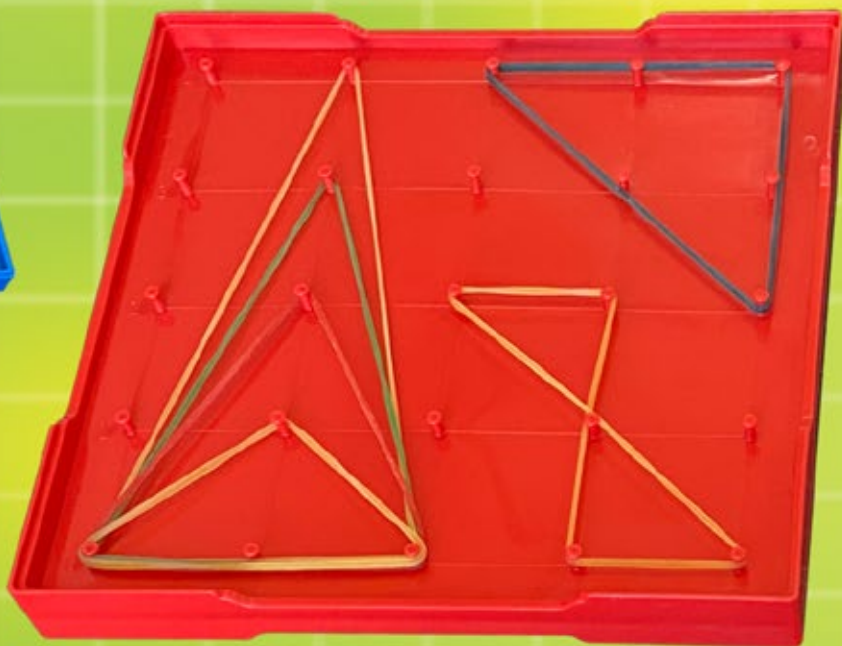


LESSON GUIDE

MATH

LARGE DOUBLE-SIDED GEOBOARD SET

MATH KIT WITH LESSON GUIDE



WARNING:
CHOKING HAZARD — Small parts. Not for children under 3 yrs.

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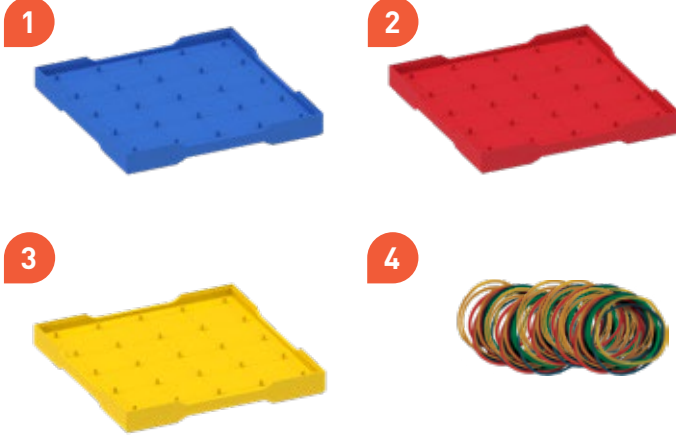


KIT CONTENTS

Good to know!

If you are missing any parts, please contact
Thames & Kosmos technical support
(see back cover).

What's inside your experiment kit:



Checklist:

✓ No.	Description	Quantity	Part No.
○ 1	Blue geoboard	1	1601-W85-A1B
○ 2	Red geoboard	1	1601-W85-A1R
○ 3	Yellow geoboard	1	1601-W85-A1Y
○ 4	Rubber band	100	R10-18



WARNING!

- >> Not suitable for children under 3 years. Choking hazard — small parts may be swallowed or inhaled.
- >> Before starting, check the parts list to be sure that all of the correct pieces are included in the kit. Keep the packaging and instructions as they contain important information.
- >> Store the experiment material and assembled models out of the reach of small children.

Dear Parents and Supervising Adults,

Using the geoboards and rubber bands, children can create and explore different geometric shapes and designs. Explore similarity and difference, numbers, symmetry, congruence, perimeters, areas, fractions, angles, and more.

There are two sides of each geoboard. On one side (1) there is a 5x5 grid of pins arranged in rows and columns, which allows for exploration of line segments, rectangles, area and perimeter, and right triangles. On the other side (2), there is a circular array of pins, which lends itself to exploring fractions of a whole, parts of a circle, and equilateral triangles.



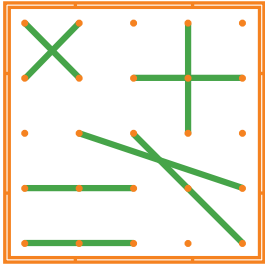
Scan this QR for additional lessons and ideas for using the geoboards.



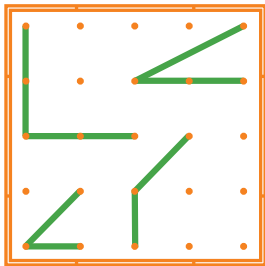


LEARNING WITH YOUR GEOBOARD

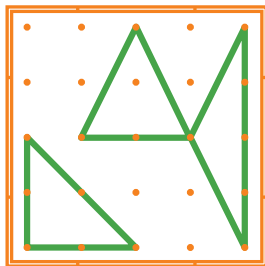
1. Make parallel and intersecting lines.



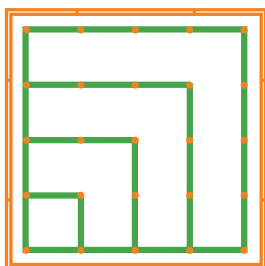
2. Identify different types of angles.



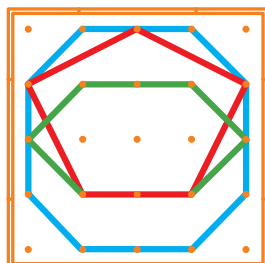
3. Make right, acute, and obtuse triangles.



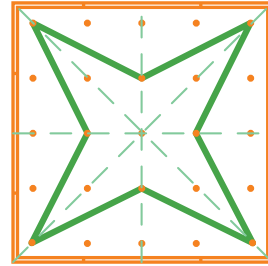
4. Make quadrilaterals.



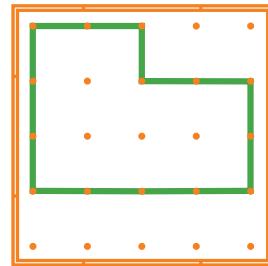
5. Make different polygons (pentagon, hexagon, octagon, etc.).



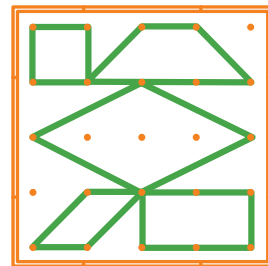
6. Identify symmetry, congruence, and similarity.



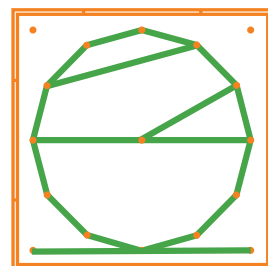
7. Calculate the area and perimeter of a polygon.



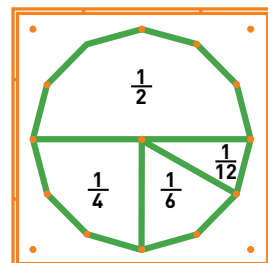
8. Create a square, rectangle, rhombus, trapezoid, and parallelogram.



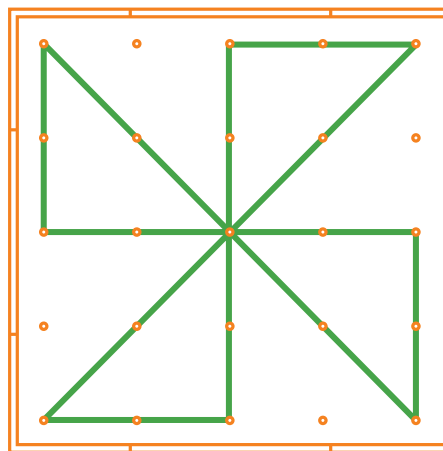
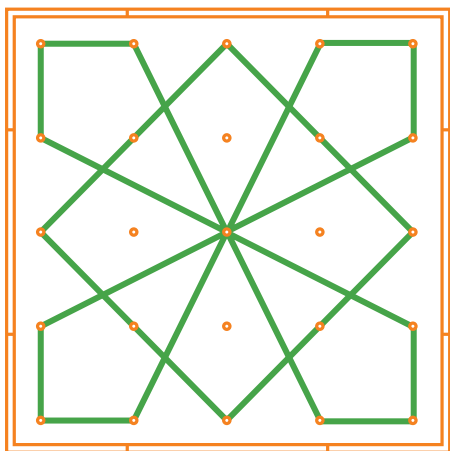
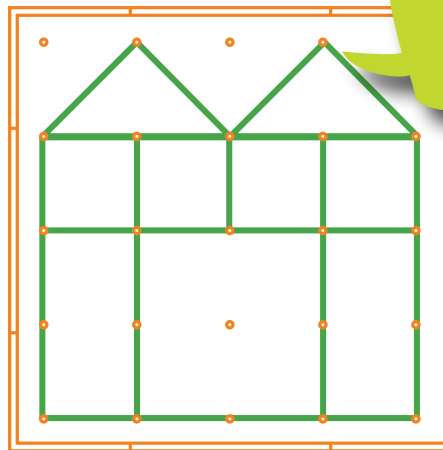
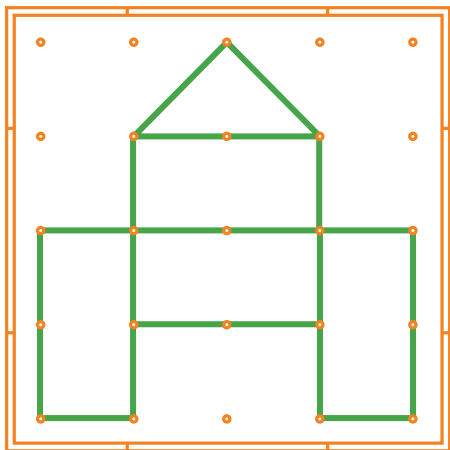
9. Identify the parts of a circle (center, radius, diameter, chord, tangent).



10. Explore fractions ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{6}$, $\frac{1}{12}$).



What else
will YOU
create?!



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Our technical support team will be glad to help you!

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