

GROUP BUTTERFLY



ESSENTIAL SKILLS

Collaboration
Patterning
Spatial reasoning
Strategic building

PLAN

1. Download the patterns from the website (www.fivesdesigns.com): (i) the full pattern and (ii) 6-sub-patterns, each of which is part of the full pattern.
2. Divide students into 6 groups. (Full pattern may be broken into more/fewer sub-patterns as necessary.)
3. Assign each group one sub-pattern to build. **Important:** ensure that students are all building their section in the same orientation, otherwise the parts will not connect together at the end. For example, tell students that the FIVES tiles should be oriented with the holes on the bottom and right-hand sides.
4. Once all sections are completed, have students work together to assemble the pieces into a single, large butterfly.
5. Take a picture and send it to us! (info@fivesdesigns.com)

MATERIALS NEEDED

500-Piece Rainbow Set
or

Red	38	Purple	50
Orange	30	Pink	43
Yellow	50	Brown	35
Green	24	White	24
Blue	48	Black	46

NOTES

This exercise is analogous to a NASA project: a large project is broken into smaller pieces, with each group contributing to a smaller—but critical—component of the final product.