

# STEM Qboidz Starter Set

## E05.1 FREE Lessons

The **STEM Qboidz™ starter set** is the ideal set for preschool children to start building with **ENGINE®**. The **QBOLDZ™** system combines the award-winning snap-fit connectivity of **ENGINE®** system with the effortless building feature of stackable blocks! The set encourages preschool children to develop their cognitive, social and motor skills through fun and creative play. This set includes enough parts to build models out of a library of 20 different ideas. The system is designed to allow for four different levels of building complexity, allowing younger children to still be creative while also challenging them as they grow older!





## Lesson: Hydroplane

A hydroplane is an aircraft equipped with floats so that it can take off and land on water. Most hydroplanes are useful in places where there are many islands. Hydroplanes can also take part in rescue missions, because they can carry more people and fly longer distances.



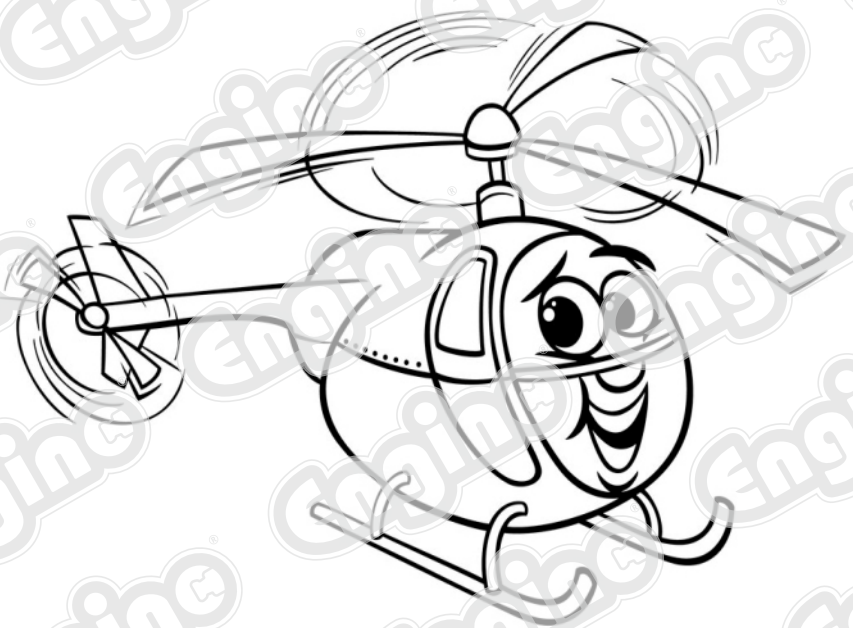
Find the "Hydroplane" building instructions in the respective "Building Models" section.



### Did you know?

The Henry Fabre made the first successful take off from water on the 28th March 1910.

On the other hand, hydroplanes cannot fly with bad weather, since big waves make take-off and landing too dangerous.



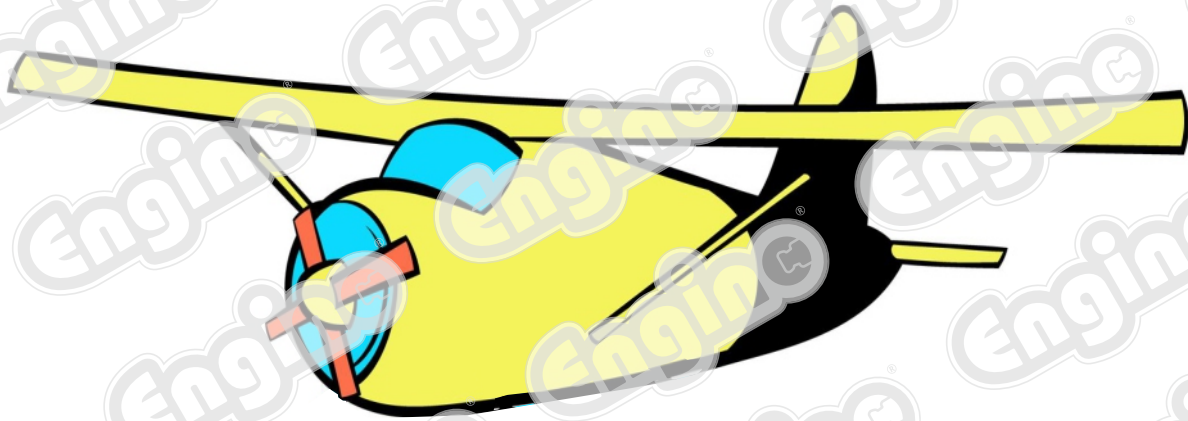
Find and circle 5 differences between the two hydroplanes.

Color the picture.





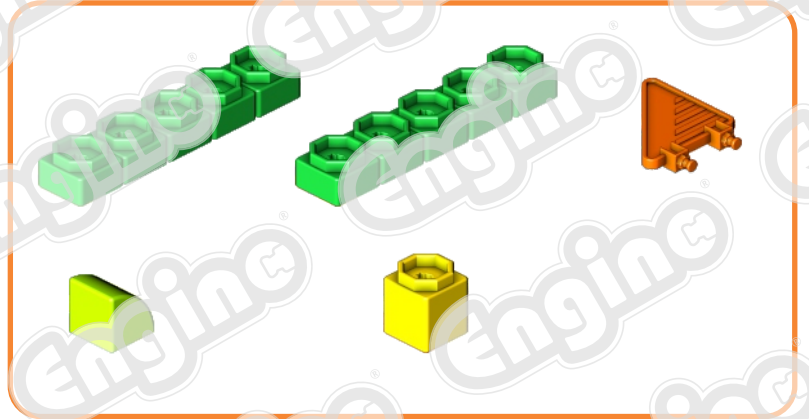
Draw what is missing  
from the hydroplane.



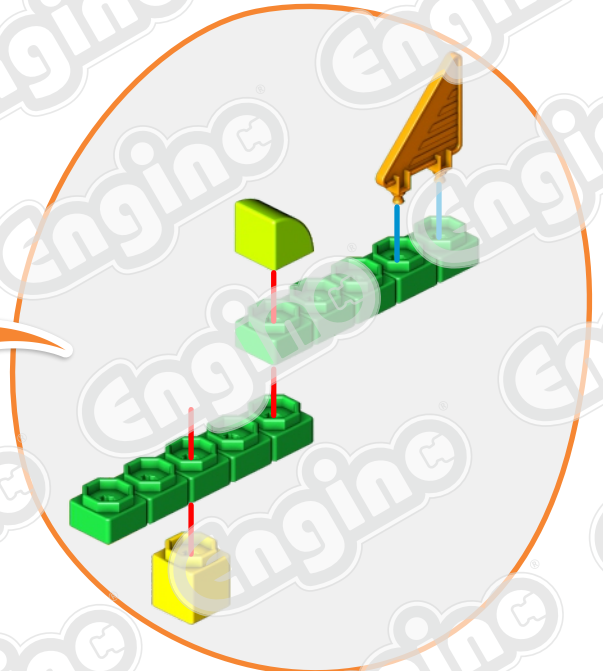
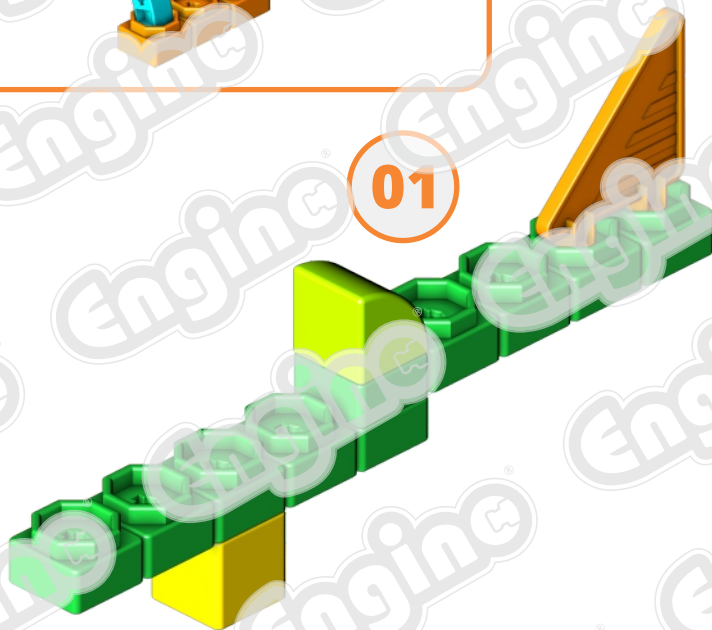
Create the above hydroplane  
with Engino Oboidz.



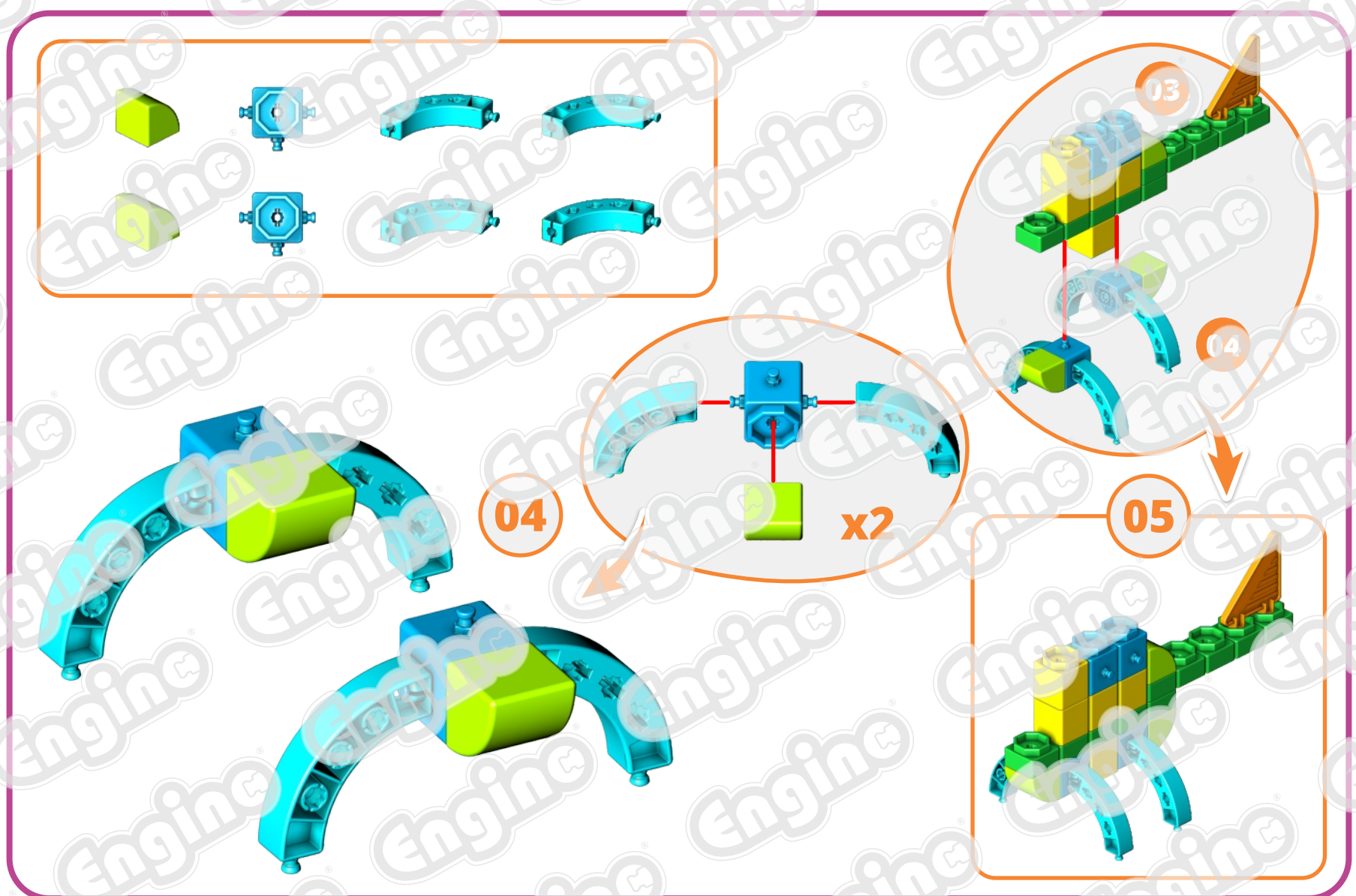
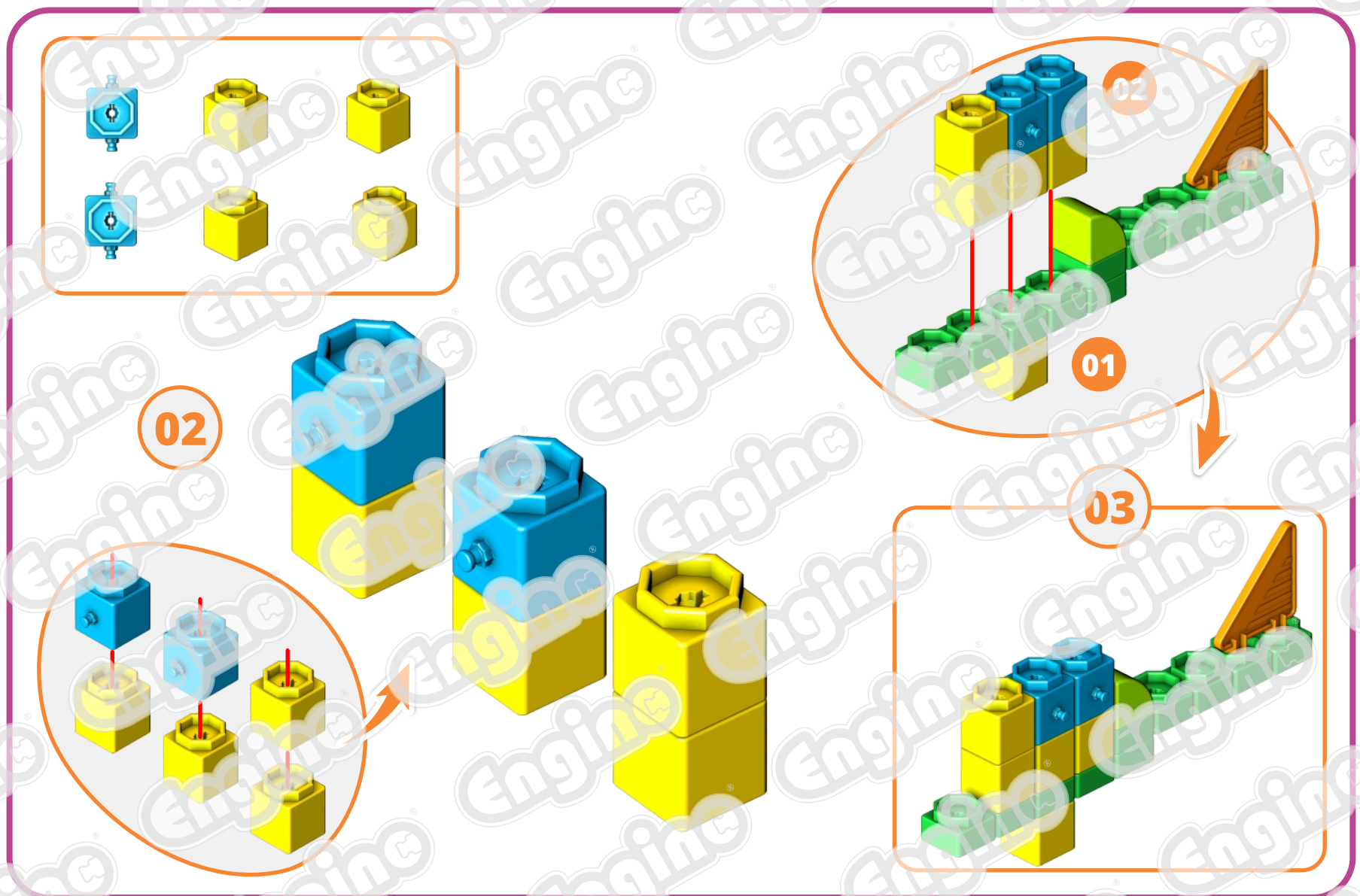
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