

LEGOeducation

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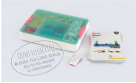
Look inside the Box

Splash is a brick and hardware experience where students grapple with one science topic at a time. Some lessons introduce hardware (a motor, a controller, and/or a color sensor), instruction videos on how to use these hardware pieces can be found in the online classroom presentation.



3 Splash classroom sets

Our Splash products contain different bricks and hardware depending on the grade band.



Grades K - 2



Grades 3 - 5



Grades 6 - 8

Each box contains a building instruction with LEGO models for the 40 lessons suited for that gradeband. Each LEGO model has a matching Science lesson you'll find online.

Next steps



Set up groups
Students roles and workspaces
1 min read



Operate the hardware
How to use your hardware pieces
2 min video

Help & Support



Missing Bricks or Building Instructions?



Troubleshoot Hardware



Support and FAQ

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Set up groups

To enhance creative thinking and diverse problem solving, all our lessons are designed to be done in groups of 4. It's recommended to allocate the students into groups before the lesson starts. If you do not have an exact multiple of 4, we recommend teams of 3 or 2.





Building roles

In the building instruction we have 4 building roles that assign 4 specific building tasks. Each role is represented by a minifigure. 1 student can easily take on 2 building roles/tasks if necessary. Make sure the students know their building role before the first build. We encourage students to help each other so their joint model is finished within time.



Workspace

Consider using a table or floor space so each group has enough space to reach and see the box and the building instructions. Everyone should have easy access to the bricks and building instruction yet enough space to build their models and elaborate on them.

Next steps



Operate the hardware
How to use your hardware pieces
2 min video



Facilitation
Simple tips for Splash lesson facilitation
2 min read

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Facilitation

Simple tips to make the facilitation of Splash lessons run smooth.



Classroom presentation

To have the best classroom experience we recommend you having the classroom presentation open at large screen and have the students divided into groups of 4 (2 or 3) in advance.



Facilitation notes

Have the facilitation notes ready - either in print or at a second screen - to support you.



Presentation sound

Some features in the classroom presentation and hardware instructions work better with sound, so make sure it's turned on.



Wait with the boxes

The lessons all start with an engaging story and a problem to solve. To keep students' attention, don't distribute the LEGO boxes to the groups before you've finished slide 3 (Groups and Roles). At this slide you also get directions to the specific page that students should turn to in the building instruction.



Evaluation

The evaluation part where you assess student's learning, should be done while students still have their LEGO builds in front of them.



Clean up

End the lesson by making the students separate and sort the bricks in the right compartments - making the box ready for the next lesson

Next steps



Watch a Splash lesson
A Splash lesson in action

1 min video



The lesson structure
Break down a Splash lesson

3 min read

Help & Support



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