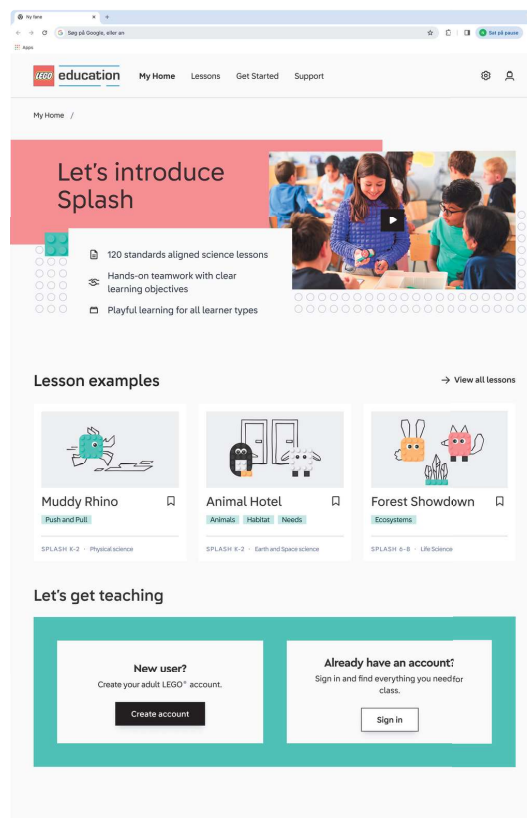


Getting started content concept

The images, videos, and text used for the Getting started: <https://legogroup.sharepoint.com/sites/ProjectCoralInternal/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FProjectCoralInternal%2FShared%20Documents%2FDigital%2FOnboarding%20assets&viewid=1c843dcf%2D7b05%2D4b9a%2Dbfe3%2D2eb792c8d04f> Connect your OneDrive account

[Brief for the Science intro video here](#)

This is how it looked in the prototype (Note: there will be an navigational updated to these pages):



Meet Splash



Watch a Splash lesson
A Splash lesson in action

1 min video



The lesson structure
Break down a Splash lesson

3 min read



Look inside the box
What to find inside Splash boxes

1 min read

Prepare and Teach



Set up groups
Students roles and workspaces

1 min read



Operate the hardware
How to use your hardware pieces

3 min video



Facilitation
Simple tips for Splash lesson facilitation

2 min read

Help & Support



Missing Bricks or Building Instructions?



Troubleshoot Hardware



Support and FAQ



Instructional videos

Operating the hardware is straightforward but here are some short videos of how to operate them.



Grades K - 2
Motor



Grades 3 - 5
Motor and controller



Grades 6 - 8
Motor, controller and color sensor

Next steps



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My Home / Get Started / The lesson structure

The lesson structure

All Splash lessons are based on the well-known SE science template. Each of the SE's is connected to more slides in the classroom presentation.

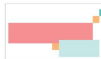


Engage

The Splash lessons start with a fun challenge - one inquiry question that guides students learning path. It allows for teachers to provide some level of control of their classroom while also allowing student autonomy as they reach their own conclusions and share it with their peers.



Slide 0 | Goals and Objective



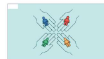
Slide 1 | Introduction



Slide 2 | Context

Explore

Students are directed to work in groups of 4 to solve the challenge. Each group is provided with the Splash box. Students build a guided LEGO model from the building instruction booklet - each lesson has a connecting 1956 model.



Slide 3 | Groups and Roles



Slide 4 | Build and Explore

Explain

After students have build their first LEGO model they explain what they have done and demonstrate their learning. The teacher then introduces a next task or challenge for students to complete.



Slide 5 | Share

Elaborate

Students deepen their understanding of the challenge or objective by adapting the LEGO model or applying ideas to a new build. There are no building instructions for this step.



Slide 6 | Build



Slide 7 | Share Your Build



Slide 8 | In Real Life

Evaluate

Students share and reflect and teachers assess student progress toward lesson objectives and skill development. If time allows then teachers can implement an exit ticket as an informal end of lesson assessment.



Slide 9 | Show What You Know

Next steps



Look inside the box
What to find inside Splash boxes
1 min read



Set up groups
Students roles and workspaces
1 min read

Help & Support



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Support and FAQ

Watch a Splash lesson



Splash is an *add-on* of the *how* learning experience that delivers supplementary science (K-8) curriculum. It features online lessons and classroom presentations ready for teachers to use in class as well as a box containing LEGO bricks, hardware and building instructions. Each lesson starts with a problem to solve, and students are prompted to come up with creative and hands-on solutions.

It's designed with built-in flexibility to allow teachers to teach lessons relevant to your unique class and curriculum. Students work in groups of 4, sharing one Splash box between them. Lessons are 20-65 minutes long, depending on the teacher's schedule and implementation of the lesson.

Next steps



The lesson structure
Break down a Splash lesson

3 min read



Look inside the box
What to find inside Splash boxes

5 min read

Help & Support



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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

Help & Support



Missing Bricks or Building Instructions?



Troubleshoot Hardware



Support and FAQ

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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



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