

CREAMO ADDI STEAM Lesson Plan [Lesson 5]



Lesson Video

Topic	Sparkling Flowers		Age	4-5 years old
Materials	PPT(Lesson 5), Workbook(Volume 1), ADDI blocks and large interlocking blocks (Duplo-sized)		Duration	50min
Objectives	1. Learn about different spring flowers. 2. Follow the assembly diagram to build a flower model. 3. Enjoy open-ended, creative play using ADDI Blocks			
STEAM Elements	S	Develop scientific curiosity about spring flowers and ADDI Blocks.		
	T/E	Explore how ADDI Blocks connect and operate.		
	A	Express flower colors and shapes creatively through block design.		
	M	Follow steps to arrange different block shapes and explore math concepts like order, shape, and space.		
Overview	1. Recall the previous lesson and introduce the topic (spring flowers). 2. Complete workbook activities (matching flower names, drawing your own flower). 3. Build a glowing flower following the assembly diagram. 4. Engage in free play using ADDI Blocks and close the session.			
Lesson Outline	Step 1. Introduction 5 min			
	① Review - Let’s remember what we learned about ADDI Blocks last time. - Can you name any of the blocks we used? - Starting today, we’ll be making fun projects using ADDI Blocks! ② Topic Discussion [Refer to Slide 1] - Do you know what season it is right now—spring, summer, fall, or winter? - That’s right! Winter is over and warm spring is here. - What kinds of flowers bloom in spring? - (Show flower photos) Have you ever seen a flower like this before? - This flower is called [name]. - Which spring flower is your favorite? ● Emphasize colors during the discussion. - Oh, you like the pink azalea? That’s a beautiful choice! - Today, we’re going to make a colorful spring flower using ADDI Blocks. - Let’s start with our workbook activity. Please take out your workbook.			
	Step 2. Workbook Activities 10 min			

① Topic Activity

- Let's look at page 1 of the workbook together. What do you see?
- These are spring flowers!
- Let's match the names to the correct flowers.

② Representation Activity

- Now turn to number 2 in your workbook.
- What kind of flower would you like to make with ADDI Blocks?
- Let's draw your idea!



Tutorial video

- Would anyone like to share their flower drawing with the group?

Step 3. Building with the Assembly Guide..... 00 min

- Let's build a "glowing flower" by following the diagram in the workbook.
- What blocks do we need to build the stem and the leaves?
- Look at the drawing in the materials section and find the blocks you'll need.
- Ready? Let's follow the steps and build it together!

● Provide step-by-step support based on each child's developmental level.

1. **Model First** – Show each step using real blocks.
2. **Verbal Guidance** – Explain each step with words.
3. **Independent Building** – Let children build on their own using the diagram.



● After building, guide the children to explore the blocks

- Which block do we need to change the LED Block's color?
- Let's make a controller by stacking the Switch Block and Dial Block on top of other blocks!
- Try changing the flower's color or making it light up and play a sound!

Step 4. Free play 00 min

① Free Play

- Now it's your turn to play freely with your flower or make something new!
- Build anything you want using ADDI Blocks until [insert time].

● Engage with children through conversations related to the theme and how the ADDI Blocks work.

- How could we make your flower even more special?
- What other things do we see in spring—flowers, trees, bugs? Want to build one?
- Which ADDI Blocks did you use in your model?
- How does your creation work?

② Clean Up

- Time's up! Let's clean up together.
- Please return all ADDI Blocks to the basket.
- Make sure there are 12 blocks and 2 wheels.
- Check that all blocks have the same channel number.

③ Review & Closing

- What did you make today using the ADDI Blocks?
- Did you enjoy making your own spring flower?
- Next time, we'll use ADDI Blocks to make another fun creation!