

NOVEMBER 2023

AT HOME STEAM IDEAS

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

STEAM doesn't have to take a lot of time, be messy, or need special equipment! You can explore science in cooking, use technology with simple tools, build something for engineering, paint with water or create patterns for art, and practice math skills by counting and measuring.

01
ENGINEERING
Build with LEGO

02
ART
Can you make a picture with LEGO?

03
MATH
Count and sort LEGO

04
Write or draw about what you learned this week.

05
READ
I Can Reduce Waste
by Martha Rustad

06
SCIENCE
Look at all the things in your house or school. How are they decorated? What are they made out of?

07
TECHNOLOGY
Look at craft materials you use a lot—can you make your own out of reusable materials?

08
ENGINEERING
Build something with recycled cardboard.

09
ART
Make art with recycled materials

10
MATH
Count how many things you throw away each week. Can any of them be recycled? How long will it take them to decompose?

11
Write or draw about what you learned this week. Take a walk and pick up trash in your neighborhood to recycle.

12
READ
Frogs
by Gail Gibbons

13
SCIENCE
Find out what frogs live in Massachusetts. What are they doing in the winter?

14
TECHNOLOGY
Use paperclips to make your own hopping frogs

15
ENGINEERING
Can you design something that jumps like a frog?

16
ART
Draw different frogs. How many patterns can you make?

17
MATH
Practice subtraction with the song "Five green and speckled frogs".

18
Write or draw about what you learned this week. Take a walk and see if there are any frog habitats near you.

19
READ
Home Run, Touchdown, Basket, Goal! : Sports Poems For Little Athletes
by Leo Landry

20
SCIENCE
Take five different balls and experiment with throwing them. Which ones go farther and higher?

21
TECHNOLOGY
Can you think of a technology that would make you a faster runner? Write or draw your idea.

22
ENGINEERING
Use blocks to build a model stadium. Throw ping-pong balls to test the walls.

23
ART
If you made a new sport, what would the ball look like? Draw a picture.

24
MATH
Look up the size of four different sports fields. Which ones are bigger? Which are smaller?

25
Write or draw about what you learned this week. Play a game outside

26
READ
Patterning
by Minta Berry.

27
SCIENCE
Make symmetrical patterns with natural objects

28
TECHNOLOGY
Look at the machines and tools you use at home or school. Can you find patterns in their engines?

29
ENGINEERING
Build a wall with a repeating pattern; Legos are great to use for this project!

30
ART
Make a pattern of prints

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