## Challenge grid:

Solo: Can you complete a line in a week?

Family: Who will be the first to complete a line that

goes through the centre?

Set rewards for excellent progress ©



## EARLY EINSTEIN

MAKING SCIENCE FUN FOR KIDS!



Get active for 30 minutes. Did you sweat? Was your heartbeat greater? Why?	Create a piece of art from recycled objects.  Do all materials behave the same way?	Design a treasure hunt for someone. Improve your vocabulary and find new ways of describing clues.	Grow food from seed. What does the seed need? Do its needs change as it grows?	Visit a museum or gallery (in person or online)  Describe an exhibition to a friend.
Design an outfit for a trip to the moon.  What would it be made from? How would it work?	Build a sand/mud sculpture. Is it easy or hard? What happens when you add water?	Create a time capsule (real or imaginary) to be opened in 100 years.  Would your country be the same?	Design a new species.  Draw it.  Name it.  Explain it!	Make something that can be worn from items in your house.  Are some materials more difficult to work with?
Make a musical instrument from household objects. How does it make sound? Can you make it louder?	Draw/paint/model a famous building. How was it constructed? Which materials are used?	Design a new board game. What is the name? How do you play it? Can you make it?	Research a new country. What is the weather like? What food grows there? Is the culture different?	Draw a map of the local area. Label the living and non-living parts.
Aliens have landed in your home. Create a postcard to send their relatives in space!	Watch the news. Is there anything about science and technology? Explain the news to your friend or family.	The year is 3020. Design a new mode of transport - what is the fuel source?	Grow a seed on a piece of wet tissue in a bag or jar.  Draw and describe the changes over 2 weeks.	Nature hunt – go on a walk and find as many different living organisms as possible.
Design a new town. What does it need to house people safely?	Go on a tree hunt – can you find 5 different trees? How do you know they are different?	Fruit and vegetable challenge – which of these are in your house right now? Can you sort them into groups?	Prepare a 3- minute talk about your favourite animal. Can you recall 5 facts?	Technology hunt! Look around you – how many different forms of technology are there?



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