THE 5 STONES CHALLENGE

Or the ‘Anti-Gravity Challenge’ ☺

Unlocking Creativity, Problem Solving and Scientific thinking!

BEFORE YOU START

Find a quiet place and take some time to read the whole challenge!

Now, make a quick time table for the challenge
are you going to do it all at once
will you set aside some time daily for this
will you wait and do it later?

There is no right answer for this – its your journey!.

As you go through the challenge,
check if you are maintaining the timetable,
or do you change it – add the changes when you do it.

Now – Get, set….Grow!! ☺

WHY THIS GAME!

Play is incredibly important for a child's development.
It encourages desirable skills and traits like negotiation, turn-taking, shared responsibility and shared enjoyment.
It also teaches children the fine art of losing with grace ☺

The **'5 Stones Game'** requires attention and skill,
along with speed and coordination,
all of which increases with playing.

It will also help you develop eye hand coordination
and juggling skills.

Am sure, by playing this game it help you develop your pincer grip as well as unlock your creativity, problem solving skills and apply Scientific thinking! Yeaah!

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LEVEL 1

Slow and Steady!

It might look simple – but tossing a stone in the air and pick up another stone is a challenging task.

Real juggling skills and focus is needed! But true sportsman never gives up! Let's get started!!

45 mins | Calm place | Self directed

Activity steps

As this is level 1, we will use both our hands while playing

- Watch the video of the game and understand how is it played
- Arrange the resources required for the game - 5 flat stones
  No stones? No worries! Try with erasers, cowries (shells), modelling clay stones, small pouches made of cloth and fill it with sand or 'dal' and tied with a rubber band.
- Now start practicing as shown in the video and try mastering one step at a time
- Slowly – try and master all 4 steps :)

Submission : *Post pictures of you trying out this juggling skill along with the 'time' it took for you from the first step to reach step 4. Also send us the timetable you had created.*

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Uncovering the secrets!

30 mins

About the Game

- What was the first thing you thought when you started the challenge? Did it sound easy or difficult for you?
- What did you find most challenging? Moving ahead from one step to another or keeping your patience?
- What did you enjoy the most about the challenge?
- Why do you think playing games is such an important part of our learning?
- Did anyone from the family help you to move ahead in this challenge? If yes, how?

Submission *: please write/draw your responses and upload the scans*

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Booster Challenge

At your time

- Have you ever played this game earlier? How many kinds of variations do you think this game can have?
- Can you teach this game to your family members and play with them?

Good to know

- Where did the '5 stones' originate? Your parents can help you find this on the internet - **20 min only** ☺
- Was it always played this way?
- If you can, do ask your grandparents/parents about what kind of similar games did they play in their time – and compare it with your time.

Level 2

You need to use one hand to juggle with stones

Don’t be afraid, be brave

A perfect juggling needs the perfect focus – and making it is no less that ‘art’. Only the bravest, most creative people can master this skill – that means **YOU**!! ☺

Are you ready for this next level?

Level 2

Action point: remember to time yourself

- In level one, you used both the hands to play the game and you have mastered it. Now, **use only one ha**nd and try playing it
- Now, when you master step 1, gradually move to step 2 and eventually try reaching step 4. (Remember to use just one hand)
- If you mastered using your right hand, try mastering with left hand (vice – a – versa)
- What strategy is being used here? Can you write few strategies you used to master this game?

Time yourself and remember, there is no right or wrong answer ☺

Submission: *A small tutorial on you sharing your strategies to master this game or any other way to present your understanding?*

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The Gravity Connection

The magic of Science!

Exercise the mind now

GOOD TO KNOW (Parents, please help with this step – its optional and at your time)

Gravity is the reason a stone comes back down when you throw it in the air.
Without gravity the stone will never return. It will keep going higher and higher.

Gravity is a force of **attraction** that pulls together all matter (anything you can physically touch).The more matter something has, the greater the force of its gravity. That means really big objects like planets and stars have a stronger gravitational pull.

The **gravitational pull** of an object depends on how massive it is and how close it is to the other object.

For example, the Sun has much more gravity than Earth, but we stay on Earth's surface instead of being pulled to the Sun because we are much closer to Earth.

Now that you know know about the mysterious force of gravity, can you think why gravity plays an important role in playing the '**5 stones game'??**

What do you think – is LOVE also like gravity? Tell us how!!

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Level 3

Pursuit of excellence (optional)

Time to challenge yourself and your friends ☺

For this level – you need to take your skill of playing 5 stones to next level.

Set a record – **how long can you keep playing with only one hand** – OR **try catching the stones on the back of your hand**.

How many rounds can you complete this way! RECORD this on phone and send a video to a friend and **CHALLENGE** them!

FINAL REFLECTIONS

- Why do you think we gave this game challenge?
- What has been the **3 biggest ‘aha’s ‘and ‘oho’s’** you had during this journey.
- What and whom are you most grateful for?
- What did you learn about ‘**Not giving up**’ ?
- And finally - how do look at traditional games now?

Reflections for the challenge

	Pause Point 1 (Using both the hands to play)	Pause Point 2 (Using one hand to play)	Pause Point 3 (Competing with others)
Was the task difficult? How many times did I want to give up?			
What have I learnt ?			
Where do I go from here?			

Have a great time !

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