street demonstrations. Israel's

sive, they infiltrate terrorist groups and pay off members for intelli-

gence. They destroy infrastructure

utilised assassination against its enemies in Iran and elsewhere. Their Signal intelligence and tech-

nology in gathering is renowned. Bombing raids and military excur-

sions against Hamas are part of

Israel's counterterrorism mission.

However, there is no doubt that the

response and evacuation systems. It recently built an extensive tech-

nology wall - including radar, cam-

eras and sensors - on 65 kilometres

of the Gaza barrier. Its emergency-

management capabilities are mature. Still, Hamas seems to have

control over several populated

areas in Southern Israel. Hamas's

drones seem to have penetrated

parts of Israel without reports of

counter-drone efforts. Iron Dome,

Israel's famous counter-weapons

system, seems to have been no match for this multifaceted attack.

There is no doubt that the current political gridlock has resulted in

lamaging Israel's security. It has to

introspect and place national secu-

rity above its internal political

are saying that one of the reasons

for the Hamas to carry out this

attack was the Abrahms Accord they felt abandoned by the fact

that Saudi Arabia and Israel were

improving ties and thereby aban-

doning their cause while a rap-

prochement between Iran and

Saudi Arabia would have led to

stability in West Asia leading to

greater irrelevance as far as the

Palestinian cause was concerned.

The Arab world coming to terms

with Israel, the US was also press-

ing Israel to make concessions to

Hamas's enemy. So this was an

opportunity for Hamas to disrupt

the whole process. Hamas also has

its backers' Iran and Syria being

foremost among them and they

would have had plenty of time to

think through how the war will

unfold. It's unlikely that Hamas

would have jeopardised its spon-

sorship by launching the attack

have long argued that they were

responsible for the relative peace

that has prevailed for the past

decade or so. That peace now

seems to be over. They thought the

problem was under control. But

now all their assumptions have

cast aside, and they have going to

have to come to terms with that.

While one of the lessons that

emerged from the Ukrainian war

is the need to build deterrence in

the form of hard power and that

violence still remains the curren-

cy for settling disputes, the cur-

rent conflict in Israel not only

reinforces that but also shows the

impact on a country where its

nternal issues have been all con-

suming as far as its people and

polity are concerned resulting in

their inability to prepare ade-

quately against external chal-

rajeshsharma1049@gmail.com

without consultation

Palestinian Authority,

There are many analysts who

oickering.

tools at their disposal failed them. Israel regularly tests its

as a deterrence. Israel has long

counterterrorism efforts are exten-

राष्ट्रदुत

# Myth Of The Fast

Learner

Achievement gaps come from differences in learning opportunities





n the right conditions, people learn at a remarkably similar researchers report researchers wanted to know why some students learn faster than others. They hoped to identify fast learners, study them, and develop techniques that could help students understand new concepts

Ken Koedinger, professor of Computer Science at Carnegie Mellon University's Human Computer Interaction Institute (HCII), led the research published in the Proceedings of the National

Academy of Sciences. He and his team examined data from 1.3 million student interactions from different kinds of educational technologies, including intelligent tutors, online courses, and educational games. The data. gleaned from learning science repository DataShop, indicated that learners master new concepts by having opportunities to practice them.

"The data showed that achievement gaps come from differences in learning opportunities and that better access to such opportunities can help close those gaps," Koedinger says. "This is further confirmation that these educational technologies can provide favourable learning conditions that make it easier to learn something new, like a second language, or a scientific or math concept.'

If educators understand where their students are starting from, they can help students catch up to their peers by giving them more opportunities to practice the material. For example, they could incorporate a cognitive tutor who can give students instant feedback on homework problems. "We have all seen cases where somebody gets to a learning outcome sooner than a peer, one student gets an A in algebra and



we don't usually track is where they started. Our results are not contradicting that people end up in different places, but accounting for where students are starting from can tell us a lot about where they will end up,'

Paulo Carvalho, a systems Prime Minister Benjamir scientist and special faculty at Netanyahu warned his citizens HCII and co-author, says that that 'they are at war'; civil the paper supports the idea reservists have been called up and that information sticks with videos are showing hand battles on the streets. The country was students longer if they are actively engaged while learnsoon at stand to with the potential ing, an experience supported for future strikes in the South by by the kinds of educational Hamas and new ones by Hezbollah technology used in this study in the orth. The country has been "We have several studies torn apart by domestic divisions. Death and destruction are follows: that show that when a student ing as Israel has its artillery and precision guided weapons on the Gaza Strip.

is actively working, they tend to do better than if they are just passively reading the materials," Carvalho says. "The datasets, that we use for the PNAS paper, all use systems that create favourable conditions for learning. The students are actively engaged answering questions, and getting immediate feedback, for example." The data, used in this study was from students from elementary to college courses in math, science, and language. Koedinger says that for all students, a growth mind-set is important.

"No matter who you are you can do it. You might have had fewer prior opportunities in your life, so, it may be harder at first than it is for other as much progress as anyone else as long as you stick to it.' he says. Additional co-authors of the paper are Elizabeth A McLaughlin, a Scientific Technological Specialist at HCII and Ran Liu. Chief AI Scientist at Amira Learning





Maj Gen

the

Advisor

On 07 October, a shocking

multi-dimensional attack in South

Israel by the Hamas who are

reportedly funded by Iran has

churned the region once again,

shattering the fragile peace that

existed by launching Operation

ual concern in Israel, but it has

been decades since Israelis have

had to wonder whether this would

be the day that their borders

would be overrun and their ene

mies would roam the streets with

slaughter as their aim.

Though war has been a perpet-

has been in two decades.

AI- Aqsa Flood.

**Jagatbir Singh** 

end

VSM (RETD)

September, the US

National Security

Sullivan had listed

out an inventory of

positive develop-

ments in West Asia

and said; "The

quieter today than it

Middle East region is

**Current Conflict** 

W e can take a stand on the conflict from two sides.

One is based on the current

episode and the other based on

the continuum of events that

took place nearly 75 years ago

and the events that have fol-

lowed with alarming regulari-

ty. While bids have been made

for peaceful resolutions unfor-

tunately as the ground

beneath the feet is not firm

these have only led to an

uneasy peace and not to an

resorted to force and violence

over the decades as a means to

settling the issue of a

Palestinian homeland within

or without the state of mod-

ern-day Israel what also

port their cause and case.

Can one draw parallels

with the drawn-out conflict in

Ukraine, the issue remains

the extent of the Hamas arse-

nal in terms of rockets and

the ability to replenish them.

Firing four thousand rockets

in a matter of hours will be

run and building up a coali-

tion of open support as is

being done by NATO is not

feasible or likely in the cur-

rent geo-political context.

difficult to sustain in the long

While both sides have

enduring and lasting peace.

The IDF comprises mainly of reservists. Military service is compulsory for all Jewish males and females of certain ethnicities for up to three years after which they are absorbed as reservists. They form a critical pool of manpower and report every year for training in order to maintain the operational readiness of the IDF. However, a large number of them refused to serve or be mobilised in wake of the nationwide protests against the judicial reforms initiated by Prime Minister Netanyahu. Some of them even participated in street demonstrations.

Reasons **That Led** to the Counter **Terrorism Failure** 

a pre-planned and well-coordi-

nated and executed operation.

The Israelis were confident they

knew exactly what the

Palestinians were doing by their

sophisticated means of spying

They built a wall between Gaza

and the communities on the

Israeli side of the border. They

felt that Hamas wouldn't dare

launching an attack because

they would get crushed, and that

the Palestinians would turn

against the Hamas for causing

another war. They believed that

Hamas was focused on a long-

term cease-fire in which each

side benefitted from a live-and

let-live arrangement with nearly

20.000 Palestinian workers were

going into Israel every day from

Gaza, that was benefiting the

economy and was generating

tax revenues. But it turns out

that was a lull before the storm.

mentators are already describ

ing this as Israel's 9/11, but

that comparison is a crutch-

9/11 was about, in the words of

the commission that reviewed

it, a 'failure of imagination' to

understand what could happen

in America, a nation that had

not encountered foreign terror

threats of any significant mag

nitude. Israel has existed, still

exists, with that very imagina-

ble prospect as part of its

national being.

As per the Atlantic, com

## **#POLITICKING**

## **Not Just an Intelligence Failure**

ntelligence failure on part of the Israeli state and the famed Mossad is being attributed as one of the main reasons for the Hamas to have been able to unleash themselves fifty years after Israel was caught by surprise during the Yom Kippur War, when on 6 October 1973 a joint Arab Coalition launched the attack on them. How were the Hamas able to get the weapons, train; prepare and organise themselves and more over carry out this attack which is being live streamed with gruesome images all over the world speaks of an intent.

stands out is the psyche of both their populations in con-Capability, the ability to use ditioning themselves to live that capability and the will and resolve to execute this attack within this overhang and be ready to resort to brutal would not have been developed overnight and being able to dismeans in their bids to attack each other. The reasons for cern the intent is what intelli-Palestinian anger and Israeli gence is all about eliminating aggression can be debated the threat from the base from endlessly with both sides havwhere it originates comes next. ing strong arguments to sup-It cannot just be seen as an

intelligence failure, but is a monumental failure of a system. How were the Hamas able to accumulate and fire five thousand rockets in less than an hour without triggering alarms? The Gaza border reportedly has sensors, cameras and thermal imaging to detect movement and is patrolled regularly and this is backed by quick reaction teams who can then arrive at the point

within minutes. Was there some sort of cyber-attack that preceded the attack resulting in immobilizing these assets and rendering the surveillance grade virtually ineffective. What about space-based surveillance systems? There is always redundancy built in as far as these networked systems and other monitoring mechanisms are con-Images show tank crews being pulled out of copula's, women being trampled upon

and innocent civilians being shot in their cars. The path the returning pickup trucks could have been tracked and targeted to prevent hostages being taken. The murderous spree continued for over four hours and military garrisons were overrun but there seemed to be no response. Thousands of rockets, which must have been obtained and

hidden, were launched by Hamas. Hamas used drones to strike at Israeli targets. It sent its fighters on foot, by boat, and by air on motorised paragliders on the streets of Israeli towns unleashing barbaric acts against innocent citizens. As much a physical attack as a performative one delivering a sinis-Though images may suggest a spontaneous action on the part

of Hamas it was without doubt,

Need to Focus on he earlier wars were fought in a Hamas? The main issue of concern ■ larger context described as Arab-**Localising the** is being able to localise the conflict to Israeli Wars with conventional forces the Gaza Strip. The principal chaldominating. The 'Intifada' saw the lenge of President Abbas of the Israeli troops in Lebanon though they Palestinian led authority is how to insulate finally had to withdraw but Lebanon continues to the West bank from this bloody onslaught by the remain at the precipice bitterly divided with its jihadis. Sucking the West Bank into the conflict economy in dire straits. Will the Hezbollah now will lead to more ordinary people suffering from

amas fighters targeted the main settlements and communities close to the Gaza Strip border with the aim of holding them as hostage for releasing Palestinian prisoners in Israeli jails and to use as human shields to prevent retaliation. There are images showing old women at a bus stop, their possessions still next to them, and their blood leaking from their corpses. Others- are even worse,

risk retribution by directly supporting the the untold consequences of conflict. gunmen going from door-todoor killing indiscriminately while residents are huddled in fear. More and more videos are

emerging of civilians beaten

and sometimes soaked in blood.

either their own or others.'

They appear to have been trans-

ported to Gaza as hostages. The

dead are not spared this fate.

Hamas took corpses of Israeli soldiers to Gaza and encouraged crowds to desecrate them A woman's body is stripped partly naked and spat upon The tactics of taking and parading hostages the spectrum of which extends from the Chief of Israel's 'Depth Strike Force' Major General Nimrod Eloni to women who have been stripped has no doubt enraged millions Two videos also suggest that

### counter terrorism failure. Internal bitterness, political instability, and acrimony within Israel. In July this vear serious cracks were visible in the IDF. The IDF comprises mainly of reservists. Military service is compulsory for all Jewish males and females of certain ethnicities for up to three years after which they are absorbed as reservists. They form a critical pool of manpower and report every year for training in order to maintain the operational readiness of the IDF. However, a large number of them

refused to serve or be mobilised in

wake of the nationwide protests

against the judicial reforms initiat-

ed by Prime Minister Netanvahu.

Some of them even participated in

Conclusion

TAT hat is more important is the

VV reasons that have led to this

srael's response maybe disproportionate in a bit to divert attention away from their failure to gauge such an attack. But an uncalibrated retaliation also has its pitfalls as it may lead to becoming a rallying point for trans nationalist jihadis creating turmoil and aggravating security

challenges in the years ahead.

While they do hold the moral brutality of attacks on innocents. Resolving a centuries old issue is challenging but this escalation in violence will have far reaching regional and global implications. While the immediate priority is to counter the attack but, Israel will have to answer its citizens as to how, in the modern era, it has suffered a massive security failure. Finding the answer is essential to its future security.

The parties led by Prime Minister Benjamin Netanyahu,



# **#TRIED & TASTED**

# Refreshing Summer Drinks for Children

These drinks are perfect for quenching your thirst, this summer

ids should stay hydrated during the summer, when the sun is blazing in the sky and temperature is soaring up. Fluid intake is essential for both, outdoor and indoor activities. During hot summer days, children should avoid artificially flavoured drinks in favour of healthy summer drinks.

### **Refreshing Lime Water**



## **Ingredients**

A cup of freshly squeezed lime

10 cups of water • Fresh sprigs of mint Lime slices

Preparation Squeeze the juice from the limes and remove the seeds. Mix with

ice water. 2. Garnish the drink with lime slices and sprigs of mint.

You can also make lime ice cubes by freezing the juice in ice cube trays.

4. You can pop the frozen cube in a glass of water.

## **Cherry Limeade**



A can of frozen pink lemonade

5 cups of white cranberry juice

**Ingredients** 

Ingredients

• 2 oz of frozen cherries • A cup of fresh lime juice

 A cup of sugar (granulated) 5 cups of lemon-lime soda 4 cups of water Preparation Puree cherries and the lime

water and serve it over ice.

• Fresh mint sprigs juice into a fine mixture. Preparation Low boil the cherry- lime Stir the pink lemonade concentrate and cranberry juice mixture with a cup of cocktail together in a large water and sugar in a medium saucepan. Stir constant-

3. Strain it and refrigerate. Add three more cups of

Cover the pitcher and chill When you are ready to serve, stir it in lemon-lime soda.

4. Garnish this drink with fresh

## **Tropical Party Punch**

Ingredients 2 litres of mango nectar • 4 tablespoons of sweet-

ened lime juice 9 oz can of pineapple • 11/2 cups of cream of

3 tablespoons of grena-• A litre of seltzer water

 Maraschino cherries Preparation

1. Mix the mango nectar, lime juice, pineapple juice, and coconut cream in a large pitcher until they are combined very well. This is the base of the punch. 2. Store this in the fridge

until they are ready to 3. Fill the glass with ice and fill 2/3 of the glass with the base. You can top it off with seltzer water and grenadine.



## **Agua Fresca**



Ingredients

• 2 cups of cold pineapple chunks 2 cups of cold strawberries,

8 cups of water ¼ cup of sugar blend Preparation Put all the ingredients in a

Well blend all the ingredients. Pour it directly into the glasses or sieve it to remove the foam

## THE WALL



DON'T WORRY ABOUT PEOPLE STEALING AN IDEA. IF IT'S ORIGINAL, YOU WILL HAVE TO RAM IT DOWN THEIR THROATS. HOWARD AIKEN

## **BABY BLUES**



## By Rick Kirkman & Jerry Scott





## ZITS

By Jerry Scott & Jim Borgman