

#EDUCATION

Myth Of The Fast Learner

Achievement gaps come from differences in learning opportunities



In the right conditions, people learn at a remarkably similar rate, researchers report. The 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 quickly.

What they found surprised them.

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, along with learning science repository DataShare, 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 that 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

another gets a C. But what 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," Koedinger says.

Paulo Carvalho, a systems scientist and special faculty at HCII and co-author, says that the paper supports the idea that information sticks with students longer if they are actively engaged while learning, an experience supported by the kinds of educational technology used in this study.

We've seen several studies that show that when a student 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 mindset 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 people, but you will make just as much progress as anyone else as long as you stick at 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.

Israel Out Thought...



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

street demonstrations. Israel's counterterrorism efforts are extensive, they infiltrate terrorist groups and pay off members for intelligence. They destroy infrastructure as a deterrence. Israel has long utilised assassination against its enemies in Iran and elsewhere. Their Signal intelligence and technology in gathering is renowned. Bombing raids and military excursions against Hamas are part of Israel's counterterrorism mission. However there is no doubt that the tools at their disposal failed them.

Israel regularly tests its response and evacuation systems. It recently built an extensive technology wall - including radar cameras 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 damaging Israel's security. It has to introspect and place national security above its internal political bickering.

Kids

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.

#TRIED & TASTED

Refreshing Summer Drinks for Children

These drinks are perfect for quenching your thirst, this summer.



Refreshing Lime Water



Ingredients

Cherry Limeade

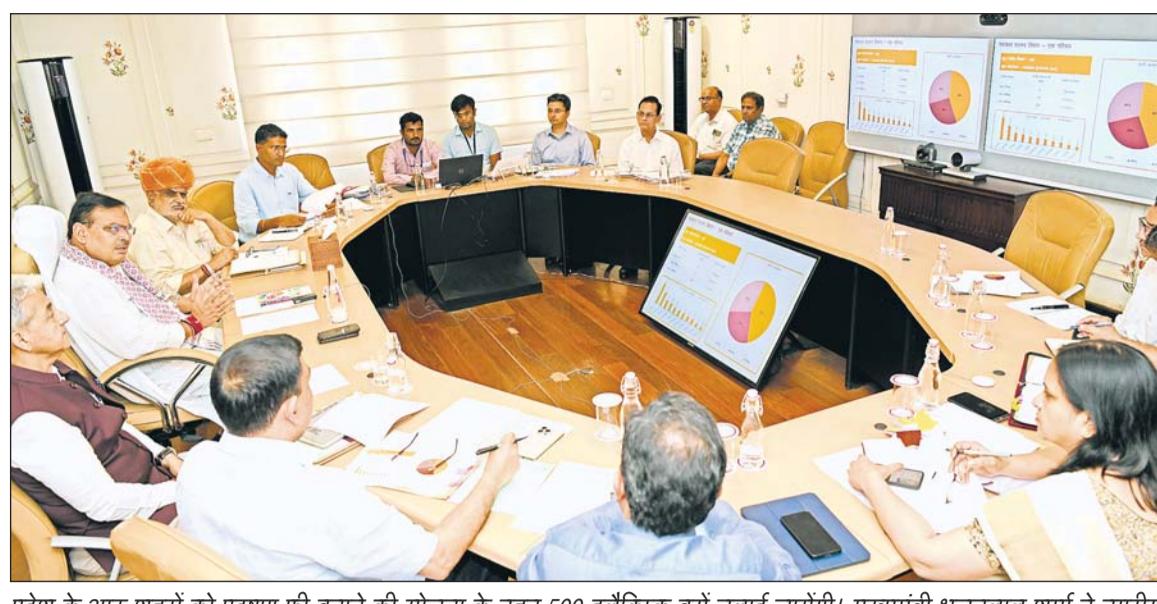


Pink Lemonade Punch



Ingredients

Preparation



प्रदेश के आठ शहरों को प्रदूषण फ्री बनाने की योजना के तहत 500 इलैक्ट्रिक बसें चलाई जायेगी। मुख्यमंत्री भजनलाल शर्मा ने नगरीय विकास व आवासन एवं स्वायत्त शासन विभाग के उच्च अधिकारियों के साथ शनिवार को हुई समीक्षा बैठक में कई नवीन योजनायों संचालित करने व पूर्णांगों को समय पर पूरा करने के निर्देश दिये। इसके अलावा बैठक में 106 स्थानों पर 223 करोड़ रुपये की लागत से सॉलिड वैस्ट प्रोसेसिंग प्लाट तैयार करने का भी निर्णय लिया गया।

बजरी कारोबारी मेघराज सिंह के ठिकानों पर सी.बी.आई. के छापे

सी.बी.आई. की टीमों ने जयपुर, भीलवाड़ा, टोंक, सवाईमाधोपुर, नागौर, भरतपुर सहित 14 ठिकानों पर कार्रवाई की

जयपुर/टोंक/भीलवाड़ा, 22 जून (प्रिंस)

सैन्ट्रल ब्लू ऑफ इन्विटेशन्स (सी.बी.आई.) ने बजरी कारोबारी मेघराज सिंह रॉयल (मेघराज मुप) के अलग-अलग 14 ठिकानों पर शनिवार को छापेमारी करते हुए कई

चार महीने पहले भी ई.डी. की टीम ने मेघराज सिंह के ठिकानों पर कार्रवाई की थी।

हालांकि, मेघराज सिंह ने मीडिया में अपना नाम आने के बाद एक लेटर जारी कर अपने किसी भी ठिकानों पर सी.बी.आई. की रेड से इंकार किया है।

नहीं पहुंचे थे। इसके बाद इस केस पर करने में जुटे हुए हैं। बताया जा रहा है कि, अगे कार्रवाई के लिए सी.बी.आई. ने छापे में कई महल्यांपूर्ण दस्तावेज़, 20 प्लान बनाया। दोनों एजेंसियों इस केस पर लाख रुपए नकद और हथियार मिले हैं। इनमें मेघराज सिंह के घर, चैम्पूं सर्किल स्थित आर्मीस, टॉक, भीलवाड़ा, भरतपुर, सवाई माधोपुर के चौथे कारबाड़ा और नागौर स्थित आर्मीस भी शामिल हैं। आफिस में मौजूद सभी कागजों की जांच की जा रही है।

सूत्रों के अनुसार एकोसेमेन्ट डायरेक्टरों (ई.डी.) को इस केस में मेघराज सिंह गुप्त के बिलाल से बहुत सबूत मिले थे। इसके बाद ई.डी. ने दिल्ली आफिस में मेघराज सिंह सहित गुप्त के अन्य लोगों को पूछताह के लिए उल्लासा था। अधिकांश लोग ई.डी. कार्यालय

या मेरेकीसी भी परिसर में सी.बी.आई. की ओर से कोई कार्रवाई नहीं की गई है। उधर, सी.बी.आई. की इस कार्रवाई से बजरी माफियाओं में हड्डकम्प पर मच गया है। इसके बाद से सभी इधर-उधर हो गए हैं।

गोरखपुर है कि, चौदह कारबारी को मेघराज गुप्त के ठिकानों पर ई.डी. ने भी छापेमारी की थी। जयपुर समेत पचास जगहों पर ई.डी. की टीम ने रेड की थी।

भीलवाड़ा संवाददाता के अनुसार:- भीलवाड़ा में भी सी.बी.आई. इस गुप्त के कही समय से नजर बनाए हुए हैं। ये सुखाड़ा नागर के छापेमारी के दौरान भीलवाड़ा में लौटे थे। दस्तर पर चार घंटे तक जाच पड़ावल की। इसके अलावा उसके सुखाड़ा यार्मार्क की जांच की जा रही है।

सूत्रों के अनुसार एकोसेमेन्ट डायरेक्टरों (ई.डी.) को इस केस में मेघराज सिंह गुप्त के बिलाल से बहुत सबूत मिले थे। इसके बाद ई.डी. ने दिल्ली आफिस में मेघराज सिंह सहित गुप्त के अन्य लोगों को पूछताह के लिए उल्लासा था। मेघराज के संभावित ठिकानों पर दृष्टिस्थिति वाली था।

तलाशी अभियान चलाकर पूछताह है। मेघराज सिंह ने पत्र में लिखा कि मेरे

ये गुप्त एजेंसियों की नजर में थी।

ये गुप्त एजेंसियों की नजर में थी।