

#MYTH

Pencils Have No Lead

No, There's No Lead in Your Pencil—Just a Longstanding Myth



For centuries, pencils have been an everyday tool, used by students, teachers, engineers, artists, and writers around the globe. But one

The Origins of the Misconception

The confusion dates back to the 1500s when a large deposit of a shiny dark substance was discovered in Borrowdale, England. Locals believed it to be a form of lead due to its appearance and weight. In truth, they had found a particularly pure form of graphite, a naturally occurring form of

So, What's Really in a Pencil?

The core of a pencil is made of graphite, often mixed with clay to control hardness. The more clay added, the harder the pencil and the lighter the mark it makes. This mixture is shaped into rods, dried, and inserted into a wooden casing, giving us

Lead: A Toxic Heavy Metal

Lead, on the other hand, is a heavy metal with the chemical symbol Pb. It is dense, soft, and highly toxic if inhaled or ingested. Lead poisoning can cause serious health problems, particularly in children, including developmental delays and damage to the nervous system.

A Lingering Misconception

Despite scientific clarity and modern education, the term 'pencil lead' continues to be widely used. Experts

suggest that the phrase has become so ingrained in language and culture that it persists out of habit.

Bottom Line

The next time you sharpen a pencil, rest easy; it's not lead

you're using, but safe, reliable graphite. So write on, myth-free!



It Was A Simple Stamp And A Lot Of Bravery

For those who received visas from Sugihara in the summer of 1940, the thin line between life and death came down to a simple piece of paper, a bureaucratic stamp that enabled them to travel through Soviet Siberia to Vladivostok and then on to ports in Japan. Sugihara, exhausted and suffering the ill health effects of his tremendous effort, continued to issue visas until shortly before he and his family departed for Prague, which was now under German control, in early September 1940. He closed the consulate before moving on to Königsberg (now Kaliningrad, Russia) and then Bucharest, Romania.

Kshema Jatuhkarna

Ultimately, Sugihara could not avert his eyes from the desperation that was right before him. As he reflected in his memoir, he 'came to the conclusion that humanitarianism and philanthropy should be the priority.'

Once resolved in his course of action, Sugihara worked at a furious pace, aiming to issue 200 to 300 visas each day. He wrote until his hands cramped, skipping meals to process even more visas as his family packed away their home and prepared to leave Kaunas, as ordered by the Soviets. 'My husband issued those visas in defiance of his government's orders because he was following his conscience,' Yukiko said in 1995.

In the summer of 1940, Camhi and her sister stood outside the Japanese consulate in long lines on multiple occasions a few days apart, in hopes of making it inside. When they finally pushed their way up the crowded staircase, the sisters pleaded with Sugihara, telling him that their mother had no papers and their father was deceased.

'He looked very sympathetically at us, and he just stamped, gave us the visa right there on the spot,' Camhi recalled in 1999. 'My sister and I got hysterical, started to cry, and started to say, 'Thank you, thank you,' in Polish. And he just raised his hand, like saying, 'It's OK.' And that's it, and we went out of the room.'

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THE HUMANITY



A group portrait of Jewish refugees in Kobe, Japan, who escaped from Europe with visas signed by Sugihara.

THE

The balance of wartime alliances had shifted once again when Japan signed the Tripartite Pact with Germany and Italy on September 27, 1940, creating the Axis powers and negating the substance of Germany's non-aggression pact with the Soviets. On June 22, 1941, the Nazis launched Operation Barbarossa, invading the Soviet Union. Two days later, on June 24, the Nazis reached Kaunas. In the months that followed, German soldiers, Lithuanian nationalists and anti-Soviet paramilitary forces murdered thousands of Jews in the city. By mid-August, the Nazis had sealed the remaining

carbon. Because the material was unknown at the time, and it resembled lead ore, it was misidentified. The term 'plumbago' (Latin for 'lead ore') was used, and the name stuck, eventually giving rise to the term 'pencil lead,' which is still used today, despite being scientifically inaccurate.

Many of the refugees who received visas from Sugihara made their way to the Japanese city of Kobe, a hub for those fleeing the Holocaust. In the months leading up to the Japanese attack on Pearl Harbor in December 1941, the Japanese government forced most of these individuals to continue on to Shanghai, already home to an estimated 17,000 German and Austrian Jews who had fled persecution in the 1930s. Living conditions for Jews in the Japanese-controlled Chinese city were cramped and dilapidated, but many who reached Shanghai ultimately survived the Holocaust.

Shanghai was a 'stranger-than-fiction' loophole to which people could flee because they did not need a destination visa to go there,' says historian Sakamoto. 'A lot about getting out of Europe was the red tape of documents. Shanghai, since

Jews off in the Kaunas Ghetto, which was used as a site of forced labor by the Nazis and their collaborators killed around 90 percent of Lithuania's Jewish population during the Holocaust, one of the highest rates in Europe. In Kaunas specifically, just 2,000 of the roughly 35,000 to 40,000 Jews living in the city survived.

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the war ended, the Sugiharas were imprisoned for more than a year by the victorious Soviet Union. Finally able to return to Japan in 1947, the family saw their hardship turn to grief when their young son Haruki, born in Kaunas seven years earlier, died of leukemia.

Stationed in Bucharest when the war ended, the Sugiharas were imprisoned for more than a year by the victorious Soviet Union. Finally able to return to Japan in 1947, the family saw their hardship turn to grief when their young son Haruki, born in Kaunas seven years earlier, died of leukemia.

The Mir Yeshiva, a leading Jewish educational institution based briefly in Lithuania, was the only Eastern European school of its kind to survive the war intact. It continued operating in exile in Shanghai, thanks to the visas issued to its students by Sugihara.

Among the other refugees who found their way to Shanghai was Bernard Salomon, who ended up working as an accountant in India

for the remainder of the war.

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Stated on the foreign ministry in hopes of receiving another posting, Sugihara was instead asked to sign a resignation letter with no further explanation. 'He didn't ask the reason. He just signed and left,' says Nobuki. 'He knew it was because he had disobeyed the order not to issue visas.'

Despite that dismissal, Yukiko later said that her husband never regretted what he did.

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संक्षिप्त

श्रीमद् भागवत
संगीत मय कथा का
आयोजन

देवली। नरेश्वर महादेव मंदिर पेल नगर देवली में श्रीमद् भागवत संगीत मय कथा का भव्य आयोजन किया जा रहा है। भागवत कथा कार्यक्रम में द्वितीय दिवस श्रीमद् भागवत कथावाचक परम पञ्चनंदी जी महाराज के मुख्याविंद से सुखदेव जी महाराज के जन्म की कथा को सभी भक्तों ने श्रवण किया। कैलाश पर्वत पर शुक्र देव वक्षी की जन्म हुआ और वही सुधर पक्षी नम लेने के बाद वेदव्यास के पुत्र बने, संत नारद के कहने पर वेदव्यास जी ने भागवत जी की रचना कर्ता और भागवत जी की रचना कर्के वही भागवत शुक्रदेव जी महाराज के श्रवण कराई और वही भागवत शुक्रदेव जी महाराज ने राजा परीक्षित का 7 दिन में मरण का श्राव लगाने पर गंगा के तट आकर भागवत कथा श्रवण करवाया। दंडनों द्वाद्धारुओं की उपस्थिति के बीच द्वितीय दिवस की उपस्थिति वेदव्यास के निर्देश दिए जिनका कलेक्टर को निर्देश दिया गया। श्रीमद् भागवत कथा भागवत का शब्दमात्रा स्वरूप है। जिसे श्रवण के सभी जीवन को कृतार्थ कर सकते हैं।

राधाष्टमी पर भजन संध्या आयोजित

निवाई। शहर के हनुमान नार रिति अध्यवाचन हनुमान मंदिर में राधाष्टमी का महोत्सव मनाया गया। श्याम अरविंद परिवार के पावन सानिध्य एवं हनुमान नगर, दादू विहार के महिला मंडल ने राधा रानी का जन्मोत्सव शुद्धधाम से मनाया। मंदिर संरक्षक जयानन्द प्रसाद शर्मा ने बताया कि प्रत्येक रविवार को दोपहर 1.00 बजे जलाना होकर सोमवार को जप्तुष्ट स्तरेन पर रात 1.2.35 बजे आगमन व 2.12.45 बजे प्रस्थान कर शाम 6.10 बजे अप्रत्येक सोमवार को टॉक हॉट्यूल्य पर भारतीय राजकोट पहुँचनी गई। इसके प्रत्येक सोमवार को रात 10.30 बजे जलाना होकर रविवार को सुबह 4.05 बजे लालकुआं पहुँचनी गई। इस अवसर पर राधा रानी का भव्य दरबार कर बुधवार को सुबह 4.05 बजे हुक्म चले राधे रानी का, राधिका गोरी से एवं करके इनके बुलाइ गई रे सहित कई भजनों की प्रस्तुतियां दी गई। इस अवसर पर राधा रानी का भव्य दरबार कर बुधवार को सुबह 4.05 बजे लालकुआं पहुँचेगी।

कुश्ती कोच सचिन चंदेला का स्वागत

कोटपूरली। कर्के के निकटवर्ती ग्राम टापोरी निवासी युवा पहलवान सचिन चंदेला का चयन भारत सरकार के खेल मंत्रालय द्वारा सचालित किये जा रहे खेले इन्डिया योजना के हतह राष्ट्रीय कुश्ती कोच (प्रशिक्षक) के पद पर होने के बाद उनके कोटपूरली आगमन पर सेम्बाव को लाल कोठी के सामने कुश्ती कोच धर्मवीर पहलवान के नेतृत्व में युवाओं द्वारा माला का सप्तसाल पहनकार भव्य स्वागत किया गया। कार्यक्रम के अंत में बधाइयों वितरित की गई। भजन संध्या में बाजूद भी दर रात तक श्रावता जम रहे।

पद यात्रियों का ग्रामीणों ने किया स्वागत

निवाई। गांव रजवास में दौताना से आई पद यात्रा का ग्रामीणों द्वारा भव्य स्वागत किया गया। इस दौरान यात्रियों को अल्पाहार कथावाचक पावन चौपांती ने बताया कि गांव दौताना व कालीपुरा उर्फ खेड़िया नामधारी कोट हुए चल रहे थे। इसके बाद पद यात्रियों तेजाजी धाम रजवास पहुँची जहां पर ध्वनि अपर्याप्त कर पद यात्रियों ने तेजाजी महाराज से आशीर्वाद लिया। इस अवसर पर पूर्व लाल जीवन रिषद दरबार सदस्य रत्नलाल जाट, रामायान जाट, कानाराम जाट, भंवर होती वाले, मायाराम जाट, सूरजमल गुरुर, मदलाल गुरुर, सूरज घावाई, विनेद जाट, रेजेन्ड जाट व राजाराम मारी सहित कई द्वाद्धारु मौजूद रहे।

भण्डारा व जागरण का आयोजन

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‘मौसम जनित बीमारियों की रोकथाम के लिए आवश्यक उपाय सुनिश्चित करें’



अधिकारियों की बैठक लेती जिला कलेक्टर।

■ मौसमी बीमारियों के रोकथाम, आगामी अभियानों की तैयारीयों, फ्लैगशिप योजनाओं और सफाई व्यवस्था पर रहा फोकस

स्वच्छ भारत मिशन, स्वनिधि योजना,

साधारण राजस्थान सहित अन्य

योजनाओं पर विस्तारपूर्वक चर्चा की

गई। जिला कलेक्टर ने नारद निकायों को

निर्देश देते हुए कहा कि करार संग्रहण

का कार्यालय विभाग द्वारा से और मनकों

के अनुसुन्दर किया जाए। उन्होंने राज्य

सरकार द्वारा शहरी एवं ग्रामीण क्षेत्र में

परिवर्तन में अंतिम छोड़ पर रहे खड़े व्यवस्था

को विभान आयोजितों को लाभ पहुँचाने

से और ग्रामीण क्षेत्रों को खाता

उन्होंने निर्देश दिया कि सभी

जिला समस्याओं का समाधान समय सीमा

में गुणवत्ता पूर्ण तरीके से किया जाए।

समीक्षा करते हुए आवश्यक निर्देश

प्रदान किए। अतिरिक्त जिला कलेक्टर

ओप्रेक्षन के लिए विभागीय विभाग

समीक्षा करते हुए आवश्यक निर्देश

प्रदान किए। अतिरिक्त जिला कलेक्टर

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