

**About unHACK programs**

**Introduction**

The world we live is inundated with technology – innovations like the artificial intelligence, robotics, Internet of Things, 3-D printing, etc. are getting integrated into society and transforming the way we live. Today we can drive an automated car to our smart home and have a drone deliver a pizza. Wearables like Apple watch, Google glasses, Oculus Rift, etc. is what children want Santa to deliver this Christmas.

The Internet has enabled instant global communication and access to information, where students use information at their fingertips, collaborate and create to accomplish results never seen before – intellectual energy thus released is transforming education globally. Social media has given immense power to children to easily spread their ideas— both good and bad, worthwhile and insipid—to an audience of thousands. These disruptive technologies in education are transforming the learning environment. Digital Learning is far more engaging and student-centric- No longer does learning have to be one-size-fits-all or confined to the classroom.

While the Internet and modern digital technologies are making the world a better place, it comes with concerns. We do not want a drone hovering outside our windows clicking pictures and capturing data to build our online profiles that can be used by hackers, predators and cybercriminals to attack us. The influx of our information into the cyber space, largely through the social media, has blurred the boundaries between our physical and virtual lives. These privacy invasions erode the transformative benefits of modern technologies, and may even unleash major societal alarms. We wish to retain our privacy and safety.

While India stands poised for a tryst with digital destiny, we need to impart digital learning to our children. The role of an ‘educator’ is that of a digital coach to abet children to harness the full potential offered by the Internet and digital technologies in education; to be a guide and instill creativity; to be a mentor.

Today, it has become imperative for schools to integrate digital literacy, social media literacy and cyber security programs in the school curriculum at early stages for both students and educators.

Thrust of the unHACK programs for schools is to embed technology in education- to empower teachers and, parents to transform learning through innovations such as immersive experiences, digital teaching platforms, social media, and mobile to instill creativity in students and make them learners for life.

**STUDENTS PROGRAM**

Be a Cyber Knight (classes 6th-8th)

Digitally Unplugged (classes 9th-12th)

**Be a Cyber Knight**

Children are digital natives- they are Always Online.

Students take virtual tour of how their information travels in the cyber space; what is personal information and with whom should it be shared. The internet is a vast pool of knowledge but not bereft of sharks - cyber space is infested with enemies; hackers, stalkers, predators, or just kids trying to have some fun. The tsunami of data students feed and leave unprotected in the cyber space makes them vulnerable. Students get equipped with cyber defense arms and do a deep dive into the cyber world infested with malware. An exciting defense module about anti-malware programs protecting computer and networked system. By now students know their enemy and learn how to defend themselves – they participate in activities and assessments and earn cyber safety badges.

**Digitally Unplugged**

Children are wired to learn digitally and come with handhelds practically attached to their limbs. The Internet has enabled instant global communication and access to information, where students use information at their fingertips, collaborate and create to accomplish results never seen before – intellectual energy thus released is transforming education globally. Social media has given immense power to children to easily spread their ideas— both good and bad, worthwhile and insipid—to an audience of thousands. While the Internet and modern digital technologies are making the world a better place, it comes with concerns. Just a series of Google searches, a dash of data mining via Facebook, Twitter, Instagram, etc. allows the hacker, predator, pedophile, to get their personal details. Digitally Unplugged empowers students to harness the opportunities provided by digital learning; to inculcate digital ethics and to stay safe online.

**TEACHERS PROGRAM**

**Certificate Program for Educators**

Education is about empowering children to create a better world for themselves, as well as to innovate and create a better tomorrow. The role of an ‘educator’ is that of a coach to abet a child’s journey, to be a guide and a mentor.

In the digital era, a teacher needs to evolve into a ‘digital’ coach and model digital learning methodologies -like collaborative authoring; discussion forums, and media sharing, etc. - to create and share interactive educational content. The workshop exposes teachers to the emerging disruptive technologies in education and helps them design and develop digital-age learning experiences and assessments. Teachers learn to use social media as a tool for collaborative learning and building professional communities. They are also sensitized to issues related to privacy, identity theft with special focus on cyberbullying and cyber crime amongst children.

The Program for Educators is an interactive workshop that empowers teachers to be digital leaders.

**PARENTS PROGRAM**

**Parents NEXT**

Today children’s world is inundated with technology – innovations like the artificial intelligence, robotics, Internet of Things, 3-D printing, etc. are transforming the way they live. Wearables like Apple watch, Google glasses, Oculus Rift, etc. is what children want Santa to deliver this Christmas. At school, they have access to the Internet to facilitate work and enhance their learning experience. They spend most of their time online, juggling between their work and their social lives– they know more about the digital world than their parents. Often its challenging and frightening for parents to navigate the digital world their children inhabit. What parents need is the ‘digital awareness’ to allow children to harness the vast pool of knowledge while ensuring that they stay safe online.

"Parents NEXT" is a cyber awareness initiative that focusses on enabling and empowering parenting in the digital age. Our interactive sessions with insightful case studies/videos will open the door of virtual space in your child lives and help you protect and mentor them.