

2017 Middle/Senior/Adult State Bowl Future Scene

Identity Theft

“Happy 2036! Welcome to the investigative segment of Universal holo-Production Networks (UPN),” intoned Ellie Smith, UPN reporter. “Today’s show is an exposé on the ever-present threat of identity theft. We will interview individuals whose lives have been affected by this crime. To protect their identities, we won’t be using their real names.

“Our first guests join us from Paris.” (The screen blurs then focuses on a toddler and her mother). “Madeline is a well-known author of children’s books. Welcome to E-Line, Madeleine. Please tell our viewers about your experience with identity theft.”



Madeleine looks nervously into the camera. “My daughter was born eighteen months ago. We sent birth announcements via mybabybirth.com. Congratulatory messages flooded our social network – many from people we didn’t even know. We opened a savings account for our daughter with the digi-cash that I inherited, adding 10,000 digi-dollars from the sale of my books each month. In September we received a message from the bank noting that her account had been closed. I immediately messaged the bank and discovered all the digi-cash was gone. I had heard stories about children being victims of identity theft, but I never imagined my tiny baby would be a target.”

Ellie looks sympathetically at Madeline. “I’m sure this has been a traumatic experience for you and your family.” She turns to the camera. “Our next guests, Susan and John, are from Arizona. Please tell us how your family was victimized.” (Again, the screen blurs and an Arizona landscape appears behind the elderly couple who sit with clasped hands).

The gray-haired lady glances at her husband’s face before she starts to talk. “The horror started with the death of our son. Ten months after his death, we began receiving threatening e-messages from creditors. They claimed our son had been opening credit card accounts, had bought a new hovercraft, and even signed the lease on an apartment in Phoenix – all *after* his death. We hadn’t even posted an obituary online. Evidently the information about his death had been obtained after a data breach in the hospital database.”

Ellie leaned forward. “I am so sorry you had to deal with this situation, especially while coping with your son’s death, but you are not alone.” Ellie addresses the camera. “According to recent statistics, more than 20 million people were victims of identity theft in 2035. Most are like Madeline, Susan or John, who have experienced the misuse of personal accounts and the loss of digi-cash. Unfortunately, other incidences of identity theft are even more frightening. The screen refocuses on a young man. “Please tell us your story, Joe.”

“Well, I was in the security line at the airport. After the TSA agent checked my ID, he touched his communicator, making a call. Other agents arrived, escorting me to a small room where I was read my rights. I spent a week in jail while my lawyer tried to straighten out the mess. Apparently, a drug dealer had used my name when he was arrested in June. I had been mistakenly charged with dealing drugs. My legal fees to straighten this out were over \$50,000.”

Ellie looks into the camera. “As you can see, there are all types of identity theft. My final guest, Dr. Gavin Harrison, is an expert in identity theft prevention and recovery.”

A hologram listing identity theft methods appears behind Dr. Harrison as he speaks. Phishing, familiar fraud, scammers, skimmers, and even DNA theft are all big problems. Thieves continue to find more ways to steal the identity of others, and they are getting smarter and smarter. Law enforcement and even global Information Technology corporations can’t always find these criminals. We need new ideas for addressing this problem.

International law enforcement leaders are pleading with Future Problem Solvers from around the globe for their assistance. Consider the challenges the world’s citizens face in dealing with identity theft and come up with an Action Plan to help.

STEP 1. Identify Possible Challenges

C1 As more people opt to make their child a designer baby, ~~diversity~~ ^{diversity} may become scarce. If the human population becomes more similar as a whole, there may start to be less differences in opinion and new ideas among us. This could cause an obstacle in progress as a human race as some paths are left unexplored within the realm of invention and innovation.

C2 ~~Private DNA companies could start to develop without proper regulations for DNA editing.~~ These since Iceland ~~does not~~ might not yet have proper regulations for DNA editing, private DNA editing companies could develop. These companies could ~~give~~ ^{give} their customers incorrect information to make more money by not spending on the proper equipment. This could cause a misinformed public to make decisions about their DNA that lead to unhealthy effects.

C3 ~~Genetic Modification could become so popular that one company~~ One GMO company could start early advocating for genetic modification. As ~~genetic~~ ^{genetic} modification ~~becomes~~ ^{could possibly become} more popular, this one company could acquire a monopoly on the GMO business. As a result, this one company now might have an enormous amount of influence. This could put more decision making ability in a private company than citizens are or should be comfortable with.

C4 As more GMO companies advertise their ~~immense~~ ^{immense} safety procedures in an interest to earn more money, ~~they~~ ^{they} even if their claims are false or withholding, people may start to believe what they are being told. As a result the public ~~will~~ ^{may} become misinformed and unable to make coherent decisions about possible laws regarding GMOs,

STEP 1. Identify Possible Challenges

C5

Because the GMO Company, Golden Rice, and many other GMO companies are the main source of food for the world, it's hard for other companies to compete. This may lead to non-GMO companies closing due to lack of income, and the loss of jobs. This may lead to a spike in the poverty rate and create an even bigger divide between the upper and lower class.

C6

Designer babies are becoming faster and stronger. Because they are so called "better" humans, this may lead to discrimination against older generations. They may lose their jobs or be shunned by society. This could lead to numerous problems such as, an increase in unemployment, even segregation.

C7

Because GMO regulations aren't consistent throughout the world, this may lead to problems during the Olympics. ~~There is~~ Olympians who live in countries that allow genetic modification may be able to perform better. This may lead to an unfair game, and a cherished ^{world} tradition becoming about where you live, and not your ability. The Olympics may come to an end.

C8

The ads in Iceland track people to broadcast what they may like. Because information is tracked about people, it makes these companies susceptible to hacking. Hackers may use this information to target certain people. This could lead to a violation of privacy, discrimination, and possibly even violent behavior against groups of people.

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STEP 1. Identify Possible Challenges

C9

Since most of the world grows GMO crops, the pesticides that are same for GMOs could spread to ~~the~~ natural plants and could kill the plants, which may kill the natural crops and result in starvation.

C10

Since not every aspect of GMO crops have been discovered the crops could take the nutrients out of the soil and could make growing food impossible ~~therefore~~. This may result in ~~starvation~~ of the world.

C11

Since companies could make designer babies more intelligent this could lead to lower class getting less money if they even have a job at all. This could result in starvation and/or discrimination.

C12

Since GMO foods have added parts this could make people more obese, this could result in people becoming inactive and not providing for themselves or their families.

STEP 1. Identify Possible Challenges

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C13 Since all of Iceland Genetic information is in the ~~the~~CODE a hacker could hack in to the database, they could use this information to become someone a.k.a identity theft.

C14 Since Golden Rice is a staple in everyone's diet, a virus could infect one golden rice, the rice could be crippled and that could cause "food" and shortages and cause protests

C15 Since civil rights advocates are talking against the government, the government could start responding with physical force which could lead protests and maybe revolution.

C16 Since Designer children are becoming more popular non-GMO kids could be "bullied" and undermined in society which could lead to segregation. Really non-GMO people could become the minority.

STEP 2. Select an Underlying Problem

Include condition statement, stem, key verb phrase, purpose, and parameters.

Since Iceland saves the genetic information of its people in an all inclusive database called DeCode, come 2042 how might we protect the complete genetic informative description of each Icelandic citizen in order to insure the material safety and feeling of security from potential private hackers and other enemies of the Icelandic people?

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STEP 3. Produce Solution Ideas

- S1** The Icelandic government will restrict access of the DeCode database to nobody. This will work because if no one is ever allowed to access the database there is no possibility of the exploitation of information.
- S2** The Icelandic government will pay a team of trained professional computer technicians to create and actively protect a firewall for the DeCode database. This will work because the hackers and/or hacktivists will not be able to get through this elite team's new DeCode developments.
- S3** An elite team of government-employed military personnel will physically protect a harddrive with the information. This will work because the information will now be out of the cybersphere for anyone with internet access to try and hack and into a form that would require a much more skilled and privileged individual to access.
- S4** Brandt will start a group of hacktivists in his community dedicated to protecting the government database. This will work because it will give Icelandic citizens a sense of purpose and involvement in the DeCode database, making them more accepting and less likely to hack it.

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STEP 3. Produce Solution Ideas

S5 "The more you know" ad company will release a series of ads informing the Icelandic people on the importance of limiting the genetic information people give out. This will reduce the risk of potentially destructive genetic information being vulnerable to being hacked.

S6 The Icelandic government will hire hackers to catch hackers trying to get into the DECODE database and other government databases. This will employ hackers, so they are doing something good for humanity, as opposed to going to prison. This will also help catch more hackers, and better protect the database.

S7 The Icelandic government will require people to go through a background check, and own a license to operate computers. This will help reduce computer misuse and computers will be given to people who truly just want to use it for good.

S8 The Icelandic government will only allow computers in public places like libraries, coffee shops, businesses, and more. When citizens log onto wifi, certain activities will be blocked and or monitored. This will inspire citizens to use the internet correctly and people who don't follow the law will be caught and punished.

STEP 3. Produce Solution Ideas

S9

Nasa will develop a satellite to track down hackers and arrest them. This will prevent people's genetic information from being stolen.

S10

The Icelandic government will develop a fake database that has real names but fake DNA codes it also downloads a tracking virus which would find the hackers and arrest them.

S11

The Icelandic government will transfer digital copies of all code to books to prevent hackers from getting the info.

S12

The Icelandic government will scatter the data into multiple databases to keep hackers from getting all of the data and keeping it confused.

STEP 3. Produce Solution Ideas

S13 The Icelandic Prime Minister will put in order a anti-malware ^{Committee} ~~system~~ that will defend the peoples Genetic Information by working to defend against viruses that people may try to send into deCode

S14 ISS (Iceland Secret Service) will have people ready at all times so when a hacker is detected, they will be able to react so fast that no one will be able fully take information before they are caught.

S15 The Government can make it so there is only two wifis, The governments and the publics. This way they could monitor what their citizens are doing and still protect the governments private info.

S16 Businesses can work with the government to monitor what people are doing on technology through the wifi. So the government can monitor the homes and businesses monitor their own wifis.

STEP 4. Select Criteria

1	WSW best protect the <u>Decode</u> database?
2	WSW best insure the security of Icelandic citizens?
3	WSW make the most Icelanders feel safe and content?
4	WSW be most realistic in Iceland 2042?
5	WSW be the least destructive to Iceland's current ideals?

STEP 5. Apply Criteria

Solution Number s	Solution Ideas	Criteria					Total
		1	2	3	4	5	
# 5	"The more you know" ads	1	1	8	8	8	26
# 6	Hiring hackers	7	7	6	5	3	28
# 2	Firewall	8	4	7	7	7	(33)
# 8	Limited computer access	3	5	2	1	1	12
# 10	Fake Database	5	3	3	6	5	22
# 11	Decode books	4	2	4	3	6	19
# 14	Secret Service	6	8	5	4	4	27
# 15	2 WiFis	2	6	1	2	2	13

STEP 6. Develop an Action Plan

The Icelandic government will create an active Firewall for the Decode database. This will be implemented by a government hired team of twenty people of varying backgrounds. Five of these people will be in charge of the operation. Five of the remaining twenty people will set up the base code according to the five leaders plan. The third five will then spend two months adding a second layer designed to confuse using large computers capable of forming unique and theoretically uncrackable code. At this point the whole team is six months into the eight month set-up process, using time carefully and wisely to insure an unbreakable system. The fourth and final team spends months seven and eight going over and checking the previous team's work in order to make sure the Firewall is ready for release. If hackers manage to get passed this elaborate system a discreet e-tracker will deploy alerting the authorities to the breach and allowing a quick stamping of the threat by locating the attack. This plan will create an electronic field around the Decode data base. Since this field will be so impenetrable, hackers without clearance won't be able to access. Therefore, the Decode database will be properly and completely protected.