117TH CONGRESS
1ST SESSION

H. R. 4055

To establish a cybersecurity literacy campaign, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. KINZINGER introduced the following bill; which was referred to the Committee on

A BILL

To establish a cybersecurity literacy campaign, and for other purposes.

Be it enacted by the Senate and House of Representa-
tives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “American Cybersecu-

rity Literacy Act”.

SEC. 2. SENSE OF CONGRESS.

It is the sense of the Congress that the United States

has a national security and economic interest in promoting

cybersecurity literacy amongst the general public.
SEC. 3. ESTABLISHMENT OF CYBERSECURITY LITERACY CAMPAIGN.

(a) IN GENERAL.—The Assistant Secretary for Communications and Information shall develop and conduct a cybersecurity literacy campaign to increase the knowledge and awareness of the American people of best practices to reduce cybersecurity risks.

(b) CAMPAIGN.—To reduce cybersecurity risks, the Assistant Secretary shall—

(1) identify the critical areas of an IT system that present cybersecurity risks and educate American people on how to prevent and mitigate such attacks by—

(A) instructing American people on how to identify—

(i) phishing emails; and

(ii) secure websites;

(B) instructing American people on the need to change default passwords on hardware and software technology;

(C) encouraging the use of cybersecurity tools, including—

(i) multi-factor authentication;

(ii) complex passwords;

(iii) firewalls; and

(iv) anti-virus software.
(D) identifying the devices that could pose possible cybersecurity risks, including—

(i) personal computers;

(ii) smartphones;

(iii) tablets;

(iv) Wi-Fi routers; and

(v) smart home appliances;

(E) encouraging Americans to—

(i) regularly review mobile application permissions;

(ii) decline privilege requests from mobile applications that are unnecessary;

(iii) download applications only from trusted vendors or sources; and

(iv) connect internet of things or devices to a separate and dedicated network;

and

(F) identifying the potential cybersecurity risks of using publicly-available Wi-Fi networks and the methods a user may utilize to limit such risks; and

(2) direct American people and businesses to federal resources to help mitigate the cybersecurity risks identified in this subsection.