

	LISTEN	WATCH	READ	VISIT	MISCELLANEOUS
Key Stage 3	Podcasts TechStuff: Explains how technology impacts our daily lives. Kids Coding Playground Podcast: Introduces coding and IT concepts in a fun way. Hello World Podcast: Beginner-friendly discussions about technology and coding.	Documentaries The Secret Rules of Modern Living: Algorithms (BBC): Explores the importance of algorithms in IT. CodeGirl (2015): Highlights app development and innovation among young learners. Lo and Behold: Reveries of the Connected World (2016): Covers the evolution of the internet. YouTube Channels Code.org: Beginner coding tutorials and interactive lessons. CrashCourse Computer Science: Engaging videos on foundational IT topics. The Coding Train: Creative programming tutorials using JavaScript. Films Big Hero 6 (2014): A fun introduction to robotics and programming concepts. The Social Network (2010): Explores the creation of Facebook and entrepreneurship in IT. TV Shows Cyberchase: A kids' show focusing on problem-solving with math and logic. The IT Crowd: A humorous take on working in IT environments.			Interactive Resources Be Internet Legends: Teaches online safety through interactive games. Micro:bit Projects: Hands-on activities for coding and data manipulation.

Key
Stage
4

Podcasts

Darknet Diaries: Stories about hacking, cybersecurity, and IT ethics.

Ctrl Alt Delete: Discussions about tech careers and digital culture.

The Wired UK Podcast: Insights into emerging technologies and their societal impact.

Documentaries

The Great Hack (2019): Explores data privacy and manipulation in the digital age.

Terms and Conditions May Apply (2013): Examines online privacy policies.

Inside Bill's Brain: Decoding Bill Gates (Netflix): Focuses on Gates' contributions to technology.

YouTube Channels

Computerphile: In-depth explanations of computer science concepts, including human-computer interaction (HCI).

Techquickie: Bite-sized breakdowns of IT topics like VoIP, cloud computing, and augmented reality.

FreeCodeCamp.org: Tutorials on programming languages relevant to IT projects.

Films

WarGames (1983): Explores hacking and artificial intelligence themes.

Hackers (1995): A cult classic about young computer hackers.

TV Shows

Black Mirror: Examines the societal impact of advanced technologies.

Silicon Valley: Satirical exploration of startup culture in tech industries.

Interactive Resources

Online tools for augmented reality creation, such as free AR software mentioned in the curriculum planner.

Cyber Security Challenges provided by Teach Computing resources.

Key Stage 5	Podcasts Lex Fridman Podcast: Features interviews with AI researchers, cybersecurity experts, and tech leaders. The AI Alignment Podcast: Discusses ethical concerns surrounding artificial intelligence development.	Documentaries AlphaGo (2017): Chronicles AI’s victory over a human champion at Go, showcasing machine learning applications. Hacker Wars (2014): Explores hacktivism, its motivations, and societal implications. YouTube Channels Academind: Tutorials on advanced topics like cloud computing, data analytics, and augmented reality prototyping. MIT OpenCourseWare Computer Science: University-level lectures on computer science topics relevant to IT studies. Films Ex Machina (2015): Explores ethical dilemmas surrounding artificial intelligence. The Imitation Game (2014): Highlights Alan Turing’s contributions to computing during WWII. TV Shows Mr. Robot: A gripping drama focused on hacking, cybersecurity, and ethical dilemmas in IT systems.			Interactive Resources Advanced AR software for prototyping projects, as recommended in the OCR curriculum planner. Data manipulation tools like Microsoft Excel or Python libraries for practical exercises related to course content.
--------------------	---	--	--	--	--