

I'm not a bot





























Free resources to teach, learn, and make with Raspberry Pi Easy-to-follow guides to help kids learn how to build their own games, animations, apps, and websites with different software and hardware. The Astro Pi Challenge gives young people the opportunity to write programs and experiments that run on the International Space Station. Learn how to use your Raspberry Pi computer. Write powerful programs and build exciting physical computing projects with our team of expert educators. Discover how to set up and control your new Raspberry Pi, as well as how to use it for everyday tasks and to learn how to code. Create simple systems that respond to and control the physical world using the Raspberry Pi and Python. Set up your Raspberry Pi Learn how to set up and start using your Raspberry Pi. Physical computing with Raspberry Pi Control and interact with the real world combining code with electronics. Raspberry Pi Pico projects Start programming with your Raspberry Pi Pico. The Raspberry Pi Foundation is a UK-based charity with the mission to enable young people to realise their full potential through the power of computing and digital technologies. Our vision Our vision is that every young person develops: The knowledge, skills, and confidence to use computers and digital technologies effectively in their work, community, and personal life; to solve problems and to express themselves creatively Sufficient understanding of societal and ethical issues to be able to critically evaluate digital technologies and their application, and to design and use technology for good The mindsets that enable them to confidently engage with technological change and to continue learning about new and emerging technologies Our long-term goals Education: To enable any school to teach students about computing and how to create with digital technologies, through providing the best possible curriculum, resources, and training for teachers. Non-formal learning: To engage millions of young people in learning about computing and how to create with digital technologies outside of school, through online resources and apps, clubs, competitions, and partnerships with youth organisations. Research: To deepen our understanding of how young people learn about computing and how to create with digital technologies, and to use that knowledge to increase the impact of our work and advance the field of computing education. Raspberry Pi Foundation is a registered charity in England and Wales (1129409) Registered as a company limited by guarantee in England and Wales No.06758215 Registered office: Raspberry Pi Foundation, 37 Hills Road, Cambridge, CB2 1NT Computing is a vital aspect of today's world. We want to empower teachers to give young people the skills they need to shape this world. We provide high-quality CPD training courses, classroom resources, and online events for teachers. All for free. Subscribe to our newsletter Computing aimed at ages 5 to 16 The Computing Curriculum has lesson plans and resources aimed at UK key stages 1 to 4, but they can be used wherever you are. Computer science aimed at ages 14 to 19 Developed with the University of Cambridge, Ada Computer Science offers world-leading computing education for older students. Ada Computer Scienceopen in new AI and machine learning Developed in collaboration with Google DeepMind. Experience AI offers resources and support to help teach about artificial intelligence and machine learning. Aimed at ages 11 to 14. Experience CS is a free, integrated computer science curriculum. It provides everything that elementary and middle school teachers need to teach computer science concepts and knowledge through core subjects like math, science, languages, and the arts. Experience CSopen in new Our free code editor makes it simple and accessible for young people to learn text-based programming. Create starter projects and give feedback on code. It's safe, age-appropriate, and suitable for use in the classroom. Try the Code Editoropen in new Free computing courses Take a course for your continual professional development (CPD). Our courses help all experience levels, whether you're just beginning or are more advanced. Hello World magazine Our regular, free computing and digital making magazine for educators. Read in-depth discussion, project ideas, lesson plans, news, and reviews. Code Clubs are fun and supportive places where young people learn to code in a way that works for them. You can run a club in your school outside of lesson time, or in a public space like a library or community centre. We have lots of free support available to help you get started. Learn about Code Clubopen in new Online coding projects There are hundreds of free coding and computing projects, all with step-by-step instructions. Go to projectsopen in new Coolest Projects Our annual technology showcase celebrates creations from young people all around the world. Coolest Projectsopen in new Code in space The European Astro Pi Challenge gets young learners to write code that runs on the International Space Station. Go to Astro Piopen in new The latest computing education research informs our teaching and learning resources. Our pedagogy principles shape the resources we create. We developed our pedagogy principles based on current evidence into the best ways to teach and learn about computing. Learn about our pedagogy Keep up with news from Hello World magazine and the Raspberry Pi Foundation.

- sample survey questions for product feedback
- roto
- ap seminar sample irr 2017
- zabo
- how to use whirlpool ultimate care ii dryer
- fejo
- harvard business school course syllabus
- zepela
- nucutode