Contents

> Issue 114  > February 2022

Cover Feature

34  Practical Programming

Regulars

92  Your Letters
97  Next Month
98  The Final Word

Project Showcases

08  DeMoor Orrery
12  Teasmade 2.0
14  RMS meteor tracker
20  Pneumonia Detection
22  GBA Remote Play
24  Sunrise Lamp
28  Technical Function
30  Rotating television

Tutorials

46  Create your own Teletext
50  Sensory World - part 4
54  Build a MIDI synth
58  LEGO® RC car
62  Make a retro platformer

The Big Feature

68  Maker tools for all ages

Reviews

78  Bangle.js 2
80  Maker HAT Base
82  10 amazing small projects
84  Resources: AI

Community

86  Alex Glow interview
88  This Month in Raspberry Pi

DISCLAIMER: Some of the tools and techniques shown in The MagPi magazine are dangerous unless used with skill, experience, and appropriate personal protection equipment. While we attempt to guide the reader, ultimately you are responsible for your own safety and understanding the limits of yourself and your equipment. Children should be supervised. Raspberry Pi (Trading) Ltd does not accept responsibility for any injuries, damage to equipment, or costs incurred from projects, tutorials or suggestions in The MagPi magazine. Laws and regulations covering many of the topics in The MagPi magazine are different between countries, and are always subject to change. You are responsible for understanding the requirements in your jurisdiction and ensuring that you comply with them. Some manufacturers place limits on the use of their hardware which some projects or suggestions in The MagPi magazine may go beyond. It is your responsibility to understand the manufacturer’s limits.