

PHAROS DATA ARK

**An extraordinary collection.
Ready without the internet.**

An encyclopedia. A library of books. A repair bench, map cabinet, classroom and emergency reference shelf. All on one local device.

**23 collections / 50-state street maps 1,392 preserved archives,
publications, datasets and packs**

Read. Search. Repair. Learn. Prepare. Create.

Connect to the Ark and open a browser. Useful knowledge stays within reach when the internet is unavailable.

01 Wikipedia

An illustrated encyclopedia, ready when the internet is not.

- Wikipedia - English with images (August 2026)

02 Technical Q&A

Practical answers for electronics, computing and the systems that keep things running.

- Electronics Stack Exchange (October 2026)
- Unix Stack Exchange (October 2026)
- Kiwix Desktop for Windows (copy the entire kiwix-viewer folder)

03 WikiMed

A medical reference library that stays within reach.

- Wikipedia Medicine (October 2026)

04 Repairs & Maintenance

From a torn seam or flat tire to an appliance repair or the family car.

- iFixit Repair Guides - English with images (December 2025)
- Hand and Power Tools - OSHA
- Home Electrical Safety Checklist - CPSC
- WaterSense Home Maintenance Checklist - EPA
- Bicycle Maintenance and Flat-Tire Repair - Portland
- Small Engine Tune-Up Schedule - Briggs & Stratton
- Beginning Hand Sewing and Replacing Buttons - Karma Co-op
- Hand Stitches to Secure Seams - Karma Co-op
- Repairing Holes in Fabric - Karma Co-op
- 2017 Honda Accord Sedan - Owner's Manual
- 2017 Honda Accord Sedan - Quick Owner's Guide
- 2017 Honda Civic Sedan - Owner's Manual
- 2017 Honda Civic Sedan - Quick Owner's Guide

05 Maps & Navigation

Streets, islands, terrain and property information - available away from an internet connection.

- Offline street maps for all 50 U.S. states, including Alaska and Hawaii.
- Caribbean island coverage: Cuba, Hispaniola (Haiti and the Dominican Republic), Jamaica and Puerto Rico; USVI and BVI; Sint Maarten / Saint Martin, Anguilla and Saint Barthelemy; Antigua and Barbuda, Saint Kitts and Nevis, Montserrat and Guadeloupe; Dominica, Martinique, Saint Lucia, Barbados, Saint Vincent and the Grenadines, Grenada, Trinidad and Tobago; Aruba, Bonaire and Curacao; Bahamas, Turks and Caicos and Cayman Islands.
- Massachusetts reference layers: flood hazards, property boundaries and topographic maps.
- Local map viewer with quick locations for Sint Maarten, USVI/BVI, Puerto Rico and the Bahamas.

06 Project Gutenberg

A substantial English-language reading library, preserved locally.

- Project Gutenberg - English

07 Emergency preparedness and CERT

Prepare before an emergency. Organize when one arrives.

- FEMA / Ready.gov - Are You Ready? (2021 hosted edition)
- FEMA CERT Basic Training Participant Manual (2019)
- FEMA CERT Hazard Annexes (2019)

08 Forms & Household Paperwork

The paperwork of everyday life, business and emergency response, ready to read, fill or print.

- IRS Individual income tax return - Tax year 2025
- IRS 1040 and 1040-SR instructions - Tax year 2025

THE COLLECTION / PRESERVED ON THE ARK

- IRS Schedule 1 - Additional income and adjustments - Tax year 2025
- IRS Schedule 1-A - Additional deductions - Tax year 2025
- IRS Schedule 2 - Additional taxes - Tax year 2025
- IRS Schedule 3 - Additional credits and payments - Tax year 2025
- IRS Schedule A - Itemized deductions - Tax year 2025
- IRS Schedule B - Interest and ordinary dividends - Tax year 2025
- IRS Schedule C - Profit or loss from business - Tax year 2025
- IRS Schedule D - Capital gains and losses - Tax year 2025
- IRS Schedule E - Supplemental income and loss - Tax year 2025
- IRS Schedule SE - Self-employment tax - Tax year 2025
- W-9 - Taxpayer identification and certification
- W-4 - Employee withholding certificate
- SS-4 - Employer identification number application
- SS-4 instructions
- 4506-T - Request for transcript
- 8822 - Change of address
- USCIS I-9 - Employment eligibility verification
- USCIS I-9 instructions
- GSA SF 95 - Claim for damage, injury or death
- Professional Services Agreement - Common Paper version 1.1
- Software License Agreement - Common Paper version 1.1
- Business Partnership Agreement - Common Paper version 1.1
- Mutual Non-Disclosure Agreement - Common Paper version 1.0
- Mutual Non-Disclosure Agreement - printable PDF - Common Paper version 1.0

- Massachusetts Health Care Proxy - Honoring Choices (instructions and form) - Honoring Choices Massachusetts, September 1, 2025 English edition
- Massachusetts Form 1 - Resident income tax return - Tax year 2025
- Massachusetts Form 1 instructions - Tax year 2025
- FEMA NIMS Incident Command System Forms & Instructions
- Common Paper Independent Contractor Agreement
- Common Paper Agreement Amendment
- Common Paper Statement of Work
- Household worksheet pack - A4
- Household worksheet pack - US Letter

LOCAL TOOLS

PDF form tool: Open PDFs, fill interactive fields, write on the page, preview and save.

Paper studio: Emergency contacts, household/supply inventories, medication records, evacuation planning, pet care, expenses, receipts, maintenance logs, equipment handovers and project planning; printable in A4 and US Letter.

09 Learning & Homeschooling

Learning resources for young children, school-age learners and adults.

- Khan Academy: the full English US-curriculum Kiwix archive, with 180 GB of offline videos and exercises in mathematics, physics, chemistry, biology and history (March 2023 edition).
- Core Knowledge: 1,026 original teacher guides, student books, readers, lessons and supporting PDFs, organized by publisher grade and subject.
- OpenStax: 64 textbooks covering mathematics, science, writing, history and additional high-school/advanced subjects.
- Grade-and-subject coverage table from preschool through grade 12 identifies installed unit packages, teacher/student materials and gaps. High-school books share a shelf rather than implying a complete grade sequence.

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- NASA Our Very Own Star
- NASA Our Very Own Star - Spanish
- NASA International Space Station Activity Book
- Junior Cave Scientist Activity Book
- Junior Cave Scientist Activity Book - Spanish

LOCAL TOOLS

Learning at home: Separate levels for early learners, elementary, middle/high school and adults; reading, art/music, practical learning and a daily-learning outline. Includes a structured curriculum shelf with explicit coverage and gaps; downloading resources does not confer accreditation or school credit.

10 Games, Coloring & Activities

Something useful, creative or simply enjoyable for a long afternoon indoors.

- NASA Exoplanets Coloring Book
- Paper pattern pack - A4
- Paper pattern pack - US Letter
- North American Wild Flowers - Swarthmore Coloring Book
- Vintage Gardens, Architecture & Illustrations - JMU Coloring Book
- European Art & Heritage - Europeana Coloring Book
- Holiday Coloring - Family Pages
- Holiday Coloring - Detailed Designs

LOCAL TOOLS

Activities: PDF coloring and drawing, memory pairs, tic-tac-toe, sliding puzzle, word hunt, and ideas for play away from a screen.

PDF coloring studio: Open a PDF, select a page, color or draw and save the result.

Paper studio: Printable paper patterns, ready-made packs and everyday worksheets; A4 and US Letter. Available patterns: Square grid; Engineering grid (5 subdivisions); Dot grid; Cross grid; Isometric / triangular; Isometric dots; Hexagonal; Polar coordinates; Logarithmic (both axes); Semi-logarithmic; Ruled lines; Wide ruled (8.7 mm); Narrow ruled (6.35

mm); Handwriting guides; Double-line handwriting; Cornell lined notes; Cornell grid notes; Cornell dot notes; Music staves; Guitar tablature; Bass tablature; Calligraphy guides; Character-writing squares; Chess / checkers board; Go board (19 × 19); Undated monthly calendar; Story & drawing page; Blank page.

11 Wilderness & Field Skills

Know-how for finding your way, preparing a trip and looking after yourself outdoors.

- Topographic Map Symbols - USGS
- Basic Land Navigation - NWCG
- Trip Planning Guide Package - National Park Service
- Reading and Understanding the US National Grid - FGDC / Delta State
- You Alone in the Maine Woods
- National Park Service - The Ten Essentials
- USGS - Finding Your Way with Map and Compass
- NPS - Wilderness Sanitation and Water Treatment

12 Power & Energy

Understand energy needs, compare options and plan for life beyond the wall socket.

- DOE / NREL - Own Your Power: Solar Electricity for the Home
- DOE - Solar Power in Your Community
- DOE - Small Wind Guidebook
- DOE - Consumer Guide to Small Wind Energy Systems
- OSHA - Using Portable Generators Safely
- PNNL - Introductory Guide to Generating, Using and Storing Energy
- Micro-Hydro Power: A Beginners Guide to Design and Installation - NCAT

LOCAL TOOLS

Power planner: Load inventory, daily energy, battery/solar estimates and micro-hydro estimate; printable results.

13 Laws, Regulations & Codes

The foundations of government and law, alongside practical regional references.

- United States Code: locally preserved title files and appendices spanning government, agriculture, banking, business, civil rights, criminal law, education, energy, health, housing, labor, public lands, taxation, transportation, veterans, voting and more.
- Constitutional snapshots for all 50 states, plus the District of Columbia Home Rule Act and Charter, Puerto Rico and the Northern Mariana Islands.
- U.S. Constitution, Declaration of Independence and index - Pocket Edition
- 44 CFR - Emergency Management and Assistance, Volume 1
- Massachusetts Constitution
- Gardner City Code - official city source page
- Massachusetts General Laws Chapter 93A - Consumer Protection
- Massachusetts General Laws Chapter 186 - Estates for Years and at Will
- Massachusetts General Laws Chapter 76 - School Attendance
- Original FCC amateur license bulk archive
- 2025 Census ZIP-area coordinates
- Massachusetts electrical-code amendments - 527 CMR 12.00
- Massachusetts fire-code amendments - 527 CMR 1.00
- U.S. Code - original full publisher XHTML ZIP

14 Radio & Communications

Keep people connected - and build the skills to operate amateur radio.

- Fillable Radiogram Form - ARRL
- The ARRL Message Format
- ARES Manual - ARRL

- Plain Language: Making the Transition from Ten Codes - CISA
- Family Communication Plan for Kids - Ready.gov
- FCC Part 97 - Amateur Radio Service
- Offline FCC amateur callsign database
- CDC My Family Communication Plan
- Amateur radio question pools: Technician 2026-2030, General 2023-2027 and Amateur Extra 2024-2028; JSON and text editions.

LOCAL TOOLS

Radio question drills: Technician, General and Amateur Extra question pools with practice and round results.

Offline callsign search: FCC amateur licensee search, grid-square proximity, distance and bearing; snapshot/download information.

15 Food Preservation & Cooking

Grow the pantry, preserve the harvest and put a meal on the table.

- USDA Home Canning - Introduction
- USDA Home Canning - Principles of Home Canning
- USDA Home Canning - Fruit and Fruit Products
- USDA Home Canning - Tomatoes and Tomato Products
- USDA Home Canning - Vegetables and Vegetable Products
- USDA Home Canning - Poultry, Red Meats, and Seafood
- USDA Home Canning - Fermented Food and Pickled Vegetables
- USDA Home Canning - Jams and Jellies
- Drying Fruits and Vegetables - PNW 397
- Storing Food for Safety and Quality - PNW 612
- Emergency Food Storage - USU Extension
- Food and Water Safety During Power Outages and Floods - FDA
- Food and Water in an Emergency - FEMA / Red Cross
- Grilling Fire Safety - U.S. Fire Administration

- Preparedness & Resiliency - Pantry Meals for Seven Days
- A Harvest of Recipes with USDA Foods
- Recipes and Tips for Healthy, Thrifty Meals

16 Sanitation & Hygiene

Low-tech ways to keep households clean and manage waste when normal services fail.

- Survival Basics: Sanitation and Waste Management - OSU Extension
- Emergency Toilet Guidebook - RDPO
- Twin Bucket Emergency Toilet - Quick Leaflet
- Emergency Toilet Bucket Labels - English
- Emergency Toilet Bucket Labels - Spanish
- Siphon-Pump Handwashing Station - RDPO
- Tippy Tap - UNICEF Field Demonstration Guide
- Safely Cleaning Up After Rodents - Washington DOH
- Keep Calm & Wash Your Hands - CDC Poster
- Homeowner's and Renter's Guide to Mold Cleanup After Disasters
- Shopping List for Mold Cleanup After a Flood - CDC
- Rat Prevention and Control - San Diego County

17 Drinking Water

Find, store, assess and treat a household water supply.

- Emergency Disinfection of Drinking Water - EPA
- Home Water Testing - EPA
- Drinking Water From Household Wells - EPA
- Guide to Selecting Water Treatment Systems - EPA WaterSense
- Texas Manual on Rainwater Harvesting
- Water Storage Tips - USU Extension

18 Shelter & Winter Readiness

Prepare a home and household for cold, outages and winter disruption.

- Winter Preparedness Checklist - National Weather Service
- Heating Your Home Safely - U.S. Fire Administration
- Portable Generator Hazards - CPSC
- Energy Saver - U.S. Department of Energy
- Preventing and Thawing Frozen Pipes - Texas A&M AgriLife
- Winter Storms: The Deceptive Killers - NWS
- How to Prepare for a Winter Storm - FEMA

19 First Aid & Caregiving

First aid, medicines, caregiving and family preparedness in one practical collection.

- International First Aid, Resuscitation and Education Guidelines 2025 - IFRC
- My Medicine Record - FDA
- Six Tips on How Older Adults Can Prepare for a Disaster - NIA
- Disaster Preparedness Guide for Caregivers - FEMA
- My Emergency Plan - English
- My Emergency Plan - Spanish
- Safe Drug Use After a Natural Disaster - FDA
- What Everyone Should Know to Stop Bleeding - ACS
- The Road to Readiness: Preparing Your Family for Disasters - AAP
- Ready Wrigley: Coping After a Disaster
- Ready Wrigley: Coping After a Disaster - Spanish
- CDC Backpack Emergency Contact Card

20 Growing Food

Plant, compost, save seed and recognize common garden problems.

- Vegetable Planting Chart - UMass

- Seed Saving - UMass
- Gardening Reference Chapters - UNH Extension
- How Compost Happens - UMaine
- Vegetable Varieties for Maine Gardens - UMaine
- Northeast Vegetable and Strawberry Pest Identification Guide

21 Pets & Livestock

Include the animals in the household emergency plan.

- Salvar a Toda la Familia - AVMA
- My Pet's Emergency Plan - NYC
- Disaster and Emergency Planning for Small Farms and Ranches - Iowa State
- Backyard Poultry Biosecurity - USU Extension
- Essential Care Contingency Plan - Beef Producers
- Essential Care Contingency Plan - Dairy Producers
- Save the Whole Family - AVMA
- CDC Pet Emergency Kit Checklist

22 Disaster Recovery & Cleanup

Guidance for the difficult work after the immediate emergency has passed.

- Flood Cleanup and the Air in Your Home - EPA
- Creating a Healthy Home: Field Guide for Cleanup of Flooded Homes
- Keeping Workers Safe During Disaster Cleanup and Recovery - OSHA
- Avoiding Post-Disaster Scams and Fraud - HUD
- Post-Disaster Claims Guide - NAIC / Maine Insurance

23 Disability Preparedness

Planning that accounts for mobility, communication, medical devices and individual needs.

- Disaster Preparedness for People With Disabilities - American Red Cross
- Home Use Devices: Power Outages - FDA

- Hot and Cold: The Effects of Temperature on MS - MS Society
- Ready Now! Emergency Preparedness Tool Kit - OHSU

A resource for the community

The local community board supports announcements, requests, offers and conversations, even without upstream internet. Practical browser tools sit alongside the saved knowledge.

About this edition

This catalogue describes installed content as of October 26, 2026. Uninstalled wishlist items and blocked acquisition attempts are excluded. Saved material retains its source edition; freshness varies. Original publisher rights and individual notices apply.

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