

INSPIRE Award Project Ideas 2026, by Category

These ideas are built to pass the “not allowed” list above — each one solves a specific, narrow problem rather than repeating a textbook demonstration. Every category below has 25 ideas.

Farming and Rural Life

1. Hand-crank pulley frame that lifts heavy grain sacks onto a cart without help
2. Solar-lit bird-scare box that plays sound at random gaps so birds don't get used to it
3. Long-pole fruit catcher with a soft cloth net for picking from tall trees
4. Basket scale that beeps at a set weight to speed up market sorting
5. Bicycle-pedal cattle feed mixer for dairy farmers without an electric connection
6. Colour-changing soil strip that shows dry patches needing water first, no battery needed
7. Foot-pump backpack sprayer for small vegetable plots
8. QR-tagged seed packets linking to a short care video for farmers who can't read
9. Two-tier drying rack with a hand-turned fan for faster grain drying without power
10. Solar phone-charging stand fixed to a bullock cart for farmers working far from home
11. Wind-moved scarecrow arm that swings without any motor or battery
12. Grain-sack mouth clip that seals bags quickly without stitching
13. Cycle-powered chaff cutter fitted with a safety stop bar
14. Foldable shade-net frame for seedling trays that opens in seconds
15. Pocket soil-colour card using natural dye from beetroot or turmeric to check pH
16. Hand-turned corn de-kernelling drum for small farms
17. Foldable bamboo trellis kit that packs flat between growing seasons
18. Weighted net roller that spreads a bird net across a field in one pull
19. Two-colour flag signal post so farm workers can call for water or tools without shouting
20. Battery-free glow scarecrow using one small solar cell for a shifting light pattern
21. Hand-pressed brick mould that turns dry farm waste into fuel blocks
22. Cycle-powered thresher fitted with a jam-release lever
23. Fruit basket with a spring-loaded false bottom so items at the base don't get crushed
24. Cloth-and-frame cold box using evaporative cooling to store vegetables before market
25. Flip-card price holder that updates automatically as items are added to a roadside scale

Health and Elderly Care

1. One-hand vegetable holder and cutting guide for people with limited grip
2. Pressure-mat bed-exit signal that alerts a nurse's desk for fall-risk patients
3. Folding walking stick with a small light and pull-out seat
4. Day-and-time medicine box that plays a short sound reminder
5. Car-boot-sized folding wheelchair ramp for homes without a permanent one
6. Wide foam-sleeve spoon handle for people with weak grip
7. Colour-coded pill organiser with a separate lid for each day
8. Single-hand jar-opener clamp that fixes to a kitchen counter
9. Soft-bell call cord for patients who can't reach a switch

10. Foldable bath seat with a non-slip base for elderly bathrooms
11. Wheelchair tray with raised edges to stop food and cups sliding off
12. Large-print measuring cup for people with low vision
13. Slow-fill water bottle cap for patients on limited fluid intake
14. Cushioned door-handle sleeve for people with arthritis
15. One-hand foot-pedal bin sized for hospital rooms
16. Magnet-tip reach stick for picking up dropped items without bending
17. Large-font wristband tag with emergency contact details for memory-loss patients
18. Bed-rail pouch that keeps glasses, phone, and medicine within reach
19. Sound-cushioned door stopper for quiet closing in wards
20. Peel-and-stick non-slip strip kit for elderly-home staircases
21. Angled large-button phone stand for bedridden patients
22. Simple pulley-based lift assist for home caregivers with weak arms
23. Colour-strip weekly fever chart that needs no device to read
24. Foldable commode chair with a locking wheel for temporary home use
25. Suction-base single-hand food tray that won't tip over

Home and Daily Life

1. School bag strap fitted with a spring scale to check the safe weight limit
2. Slow-drip soap dispenser using capillary action to cut waste at shared sinks
3. Dual-tap fitting that saves the first cold water from a geyser line in a bucket
4. Self-closing zip flap for mosquito nets over hospital beds
5. Slow-cooling stand that keeps chapatis warm longer without a hot case
6. Foldable clothes-drying rack that also blocks wind on a balcony
7. Tilt-alert stand for cooking gas cylinders that shows a red mark when tipped
8. Louder overflow whistle attachment for pressure cookers
9. Foot-pedal kitchen tap to save water while washing hands
10. Colour-changing lid that shows when cooked food has cooled enough to store
11. Weighted-edge cloth food cover that stays on outdoor plates in wind
12. Slide-out spice rack that locks in place during transport
13. Foldable step stool with a handle grip for reaching high shelves safely
14. Layered cloth-and-sand filter stand for emergency water use
15. Wall-mounted umbrella drip tray that folds flat when not in use
16. Bell-and-string key finder box fixed near the main door
17. Wick-fed plant pot base that waters itself over two days
18. Rubber-spring cupboard door stopper that prevents slamming
19. Three-section foldable laundry sorter for whites, colours, and delicates
20. One-hand bucket-tilt stand for pouring water without lifting the full weight
21. Adjustable clothesline pulley that raises and lowers with one hand
22. Grocery bag with a stitched weight-limit tag to prevent tearing
23. Slotted shoe tray that lets mud dry and fall away separately
24. Corner guard for ironing boards to protect walls in small rooms

25. Foam-sleeve gel-pack lunch box that keeps food cool for longer

Waste and Cleanliness

1. Two-lid handcart with a foot pedal to separate wet and dry waste
2. Classroom-sized sanitary waste box with a small burn chamber and filter
3. Cloth dust collector fitted below a blackboard
4. Labelled sorting tray for old batteries and wires in a school electronics lab
5. Wall-mounted shoe-mud scraper with a catch tray that empties in one pull
6. Snap-button cloth wrapper kit to cut classroom lunch foil waste
7. Chalk-stub collector box fitted under classroom dusters
8. Padded safe-disposal box for broken glass at markets
9. Rope-free bundling press for tying old newspapers
10. Slide-lock lid for community dustbins to stop stray animals spilling waste
11. Foot-tap sanitiser stand built from a bottle and lever for shop entrances
12. Coin-slot wrapper collection box near a school canteen
13. Two-colour paint marker system for sorting recyclable and non-recyclable crates in shops
14. Cloth-bag exchange stand outside a local shop, old bags swapped for clean ones
15. Foldable rag-picker cart with a raised frame for sorting while collecting
16. Labelled battery-only collection box for schools and offices
17. Simple filter sock for a washing machine outlet pipe to catch lint
18. Long-handled wide-mouth dustpan for market cleaners
19. Slotted tray under classroom sinks to catch soap scraps for reuse
20. Foldable tarp cover for open garbage points in narrow lanes
21. Size-matched sorting board for shops recycling bottle caps separately
22. Wrapper-to-brick press that compresses plastic waste into small eco-bricks
23. Hand-turned shredder for waste paper that feeds into a pulp tray
24. Two-tier market stall bin with a mesh top layer for peels
25. Charcoal-layer odour-trap lid for community waste bins

Transport and Road Safety

1. Pressure-strip warning light near school zones that lights only when a vehicle is close
2. Bicycle stand with a built-in puncture-repair kit box
3. Foldable reflector-strip holder for handcarts and rickshaws
4. Locked see-through cover for auto-rickshaw meters to stop tampering
5. Foot-tap horn attachment for cyclists with weak hand grip
6. Fold-out mirror extension so handcart pullers can see traffic behind them
7. Glow-strip pedal covers for cyclists riding at night
8. Chain-guard clip that stops loose clothing from catching in bicycle chains
9. Foldable child-seat safety bar for bicycles carrying young siblings to school
10. Weighted flag holder for handcarts, raised only while crossing busy roads
11. Two-tone whistle-and-flag combo for traffic volunteers outside schools
12. Slide-out footrest that helps elderly passengers step down from auto-rickshaws

13. Timed-distance marker string near a school gate to spot fast vehicles without electronics
14. Reflective corner guards for handcarts parked on roadsides overnight
15. Fold-flat cloth traffic cone on a spring frame, easy to carry on a cycle
16. Rear-view mirror extension for bicycle-rickshaws
17. Low-cost wheel-lock clip for bicycles parked outside shops
18. Non-slip step add-on for school bus doors
19. Repaintable glow-marking kit for speed bumps near schools
20. Wind-lock umbrella mount for rickshaw drivers
21. Basket-mounted mirror for delivery bicycles carrying tall loads
22. Simple crossing-flag stand raised by a guard during school peak hours
23. Puncture-proof rubber strip insert for handcart wheels
24. Two-way sound signal for narrow lanes with blind corners
25. Fold-out kickstand widener for bicycles parked on soft or uneven ground

School and Street Vendor Life

1. Foot-pump watering station so young children can water a school garden without a heavy can
2. Pin-and-paper braille label maker for schools with visually impaired students
3. Ten-minute sound-based attendance box using a roll-number button
4. Wind-lock umbrella mount for roadside hawker carts
5. Quick-fit rain cover for milk delivery bicycles
6. Foldable display stand for street vendors that opens flat in one pull
7. Size-matched coin-sorting tray for vendors handling many small coins
8. Tool-free clip-on shade cloth frame for any cart
9. Locking cash-box insert that fits inside a vendor's existing wooden box
10. Foldable weighing-scale stand that stays level on uneven ground
11. Wipe-clean chalk-slate price board for daily rate changes
12. After-hours book-return box outside a school library
13. Foldable cloth-and-frame classroom partition for shared rooms
14. Silent hand-raise flag so quiet students can be noticed
15. Slide-lock pencil box that stops items spilling when dropped
16. Foldable lunch-table extension for classrooms with limited desk space
17. Simple lever wheel-brake for vendor carts left on a slope
18. Two-tier fruit display stand that keeps bruised fruit separate from fresh stock
19. Foldable rain hood for a hawker's weighing scale
20. Quick-reference change card marked with common bill amounts for vendors
21. Sectioned lost-and-found board for schools, grouped by item type
22. Fold-out reading stand for shared library books
23. Fixed-batch quick-count tray for eggs or fruit without a scale
24. Foldable stool-cum-bag stand for vendors who sit for long hours
25. Spring-reel queue-marker rope for busy vendor stalls

Pick one idea, then change it further based on a problem you've actually seen in your own home, street, or school. A model built around something you noticed yourself is always stronger than one copied from a list — including this one.