



Explore energy production with the escape game 'Village of the Future'

Puzzle 1 print materials

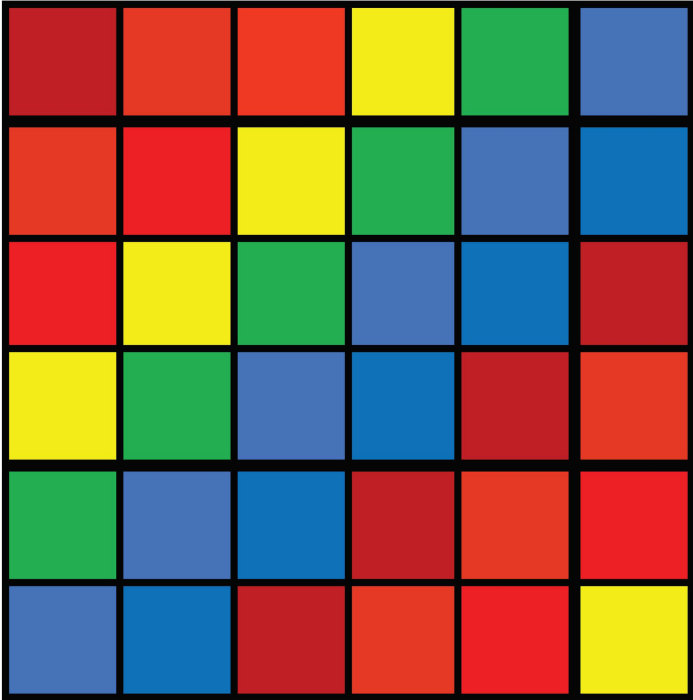
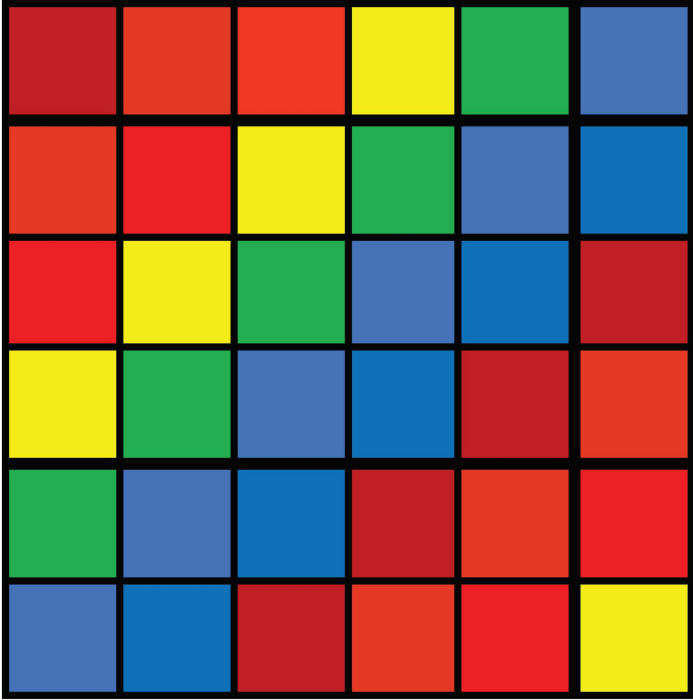
This file includes the printed puzzle cards for Puzzle 1.

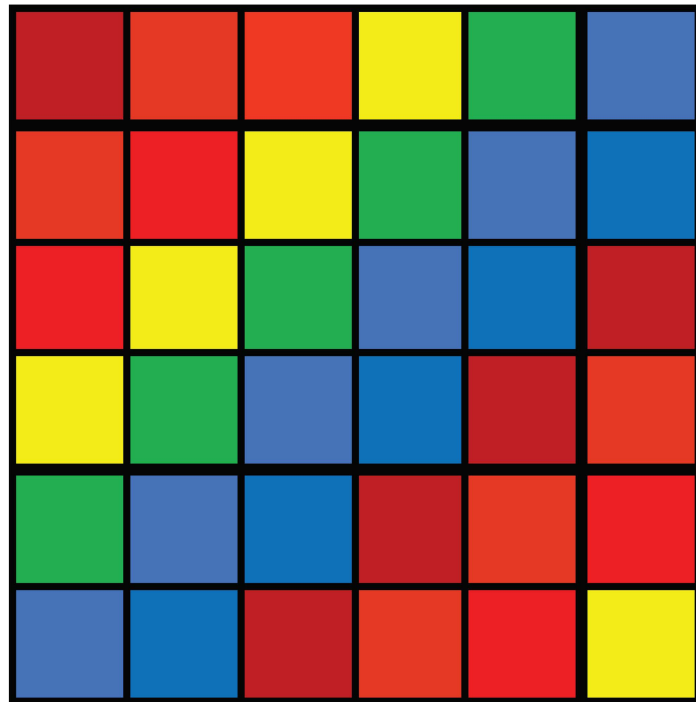
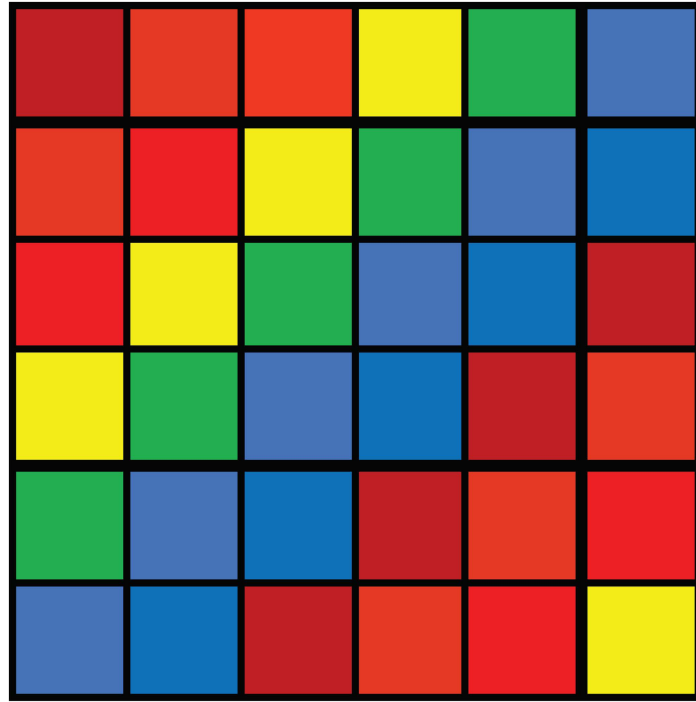
Poster 1 and the characteristic curve cards are provided separately since they need to be printed at A3 or on an overhead transparency.

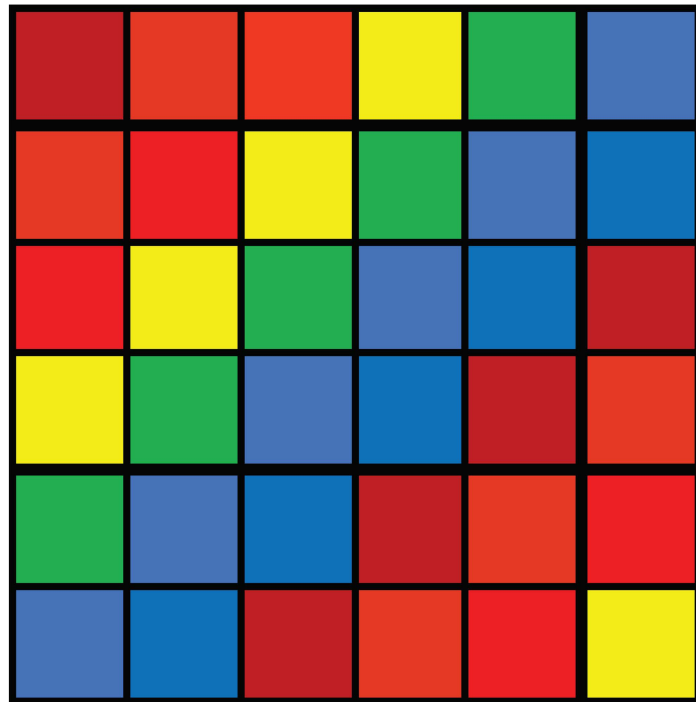
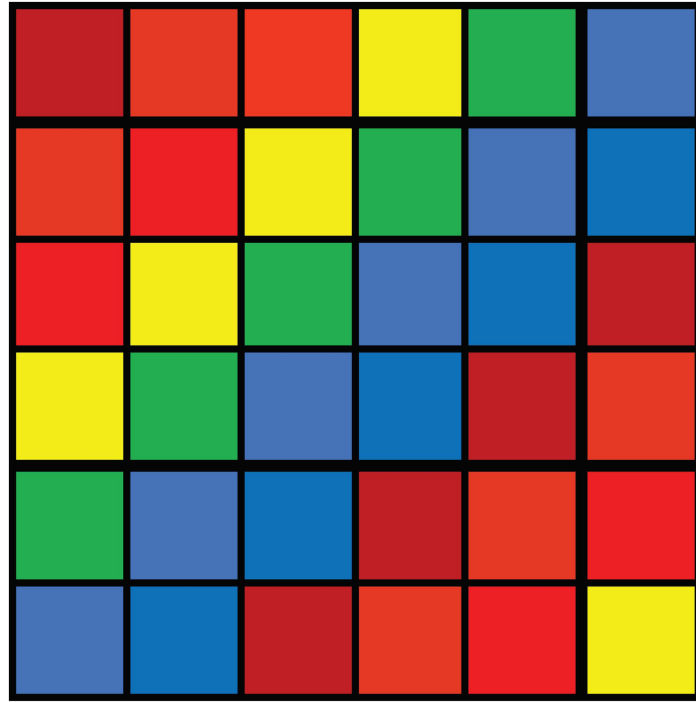
Six sets are provided for each item: enough for six groups.

Print them out on A4 paper, cut along the indicated lines, and give one set to each group. Take care with the energy output cards, where a set consists of three (different) cards.

Coloured disc for the motor








Solar-cell hint

If used and switched on correctly, the LED can light up and the motor can be made to run. Distance from LED spotlight (sun): 10 cm.

LED: required voltage approx. 2.5 V
motor: highest possible current


Important: colour of the LED, colour of the second wide ring



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Energy-output cards (sets of 3)

kinetic energy	electrical energy	radiant energy
→ 2	→ 7	→ 5
→ 3	→ 2	→ 4
→ 4	→ 9	→ 6
→ 5	→ 5	→ 8
→ 6	→ 1	→ 1

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