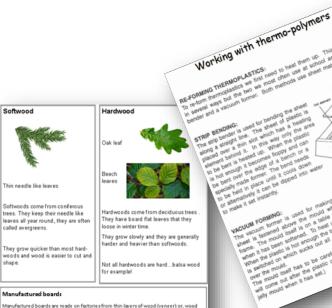
#### **Design & Technology**

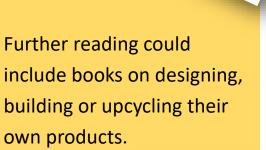
## **'Literacy Layer'**

At KS3 pupils are given theory sheets that support the practical design & make tasks that they complete during the year. This extends the subject knowledge and understanding



#### Manufactured boards are made on factories from thin layers of wood (vene chips or wood dust. They are flat and stable, they come in large sheets of ma

1370



DOING UP OLD JUNK

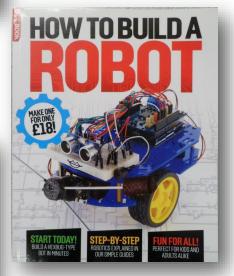
T

X

E



STRUCTURES





# Winning Design!

LEGO MINDSTORMS EV3 Design Patterns for Fun and Competition

econd Edition

mes Jeffrey Trobaugh

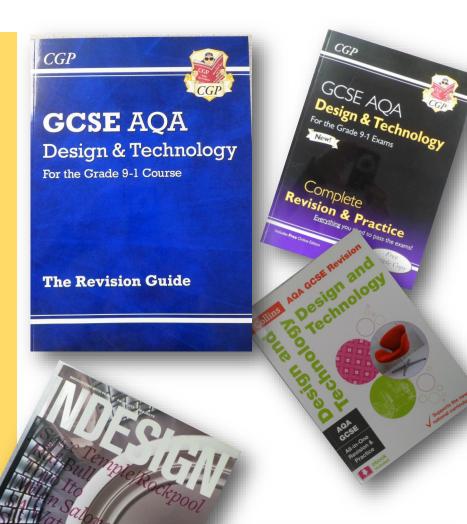
Apress

#### **Design & Technology**

#### **'Literacy Layer'**

At KS4 pupils are use the CPG blue theory book for homework, this targets topics related to in class practical design & make tasks, they complete four pages of reading per fortnight. This extends their subject knowledge and helps them be exam ready.

Further reading could include revision guides on sale in school shop or books on design or designers, higher level personal practical projects or future career pathway information.





- The Bauhaus was a German art and architecture school which existed from 1919 to 1933. It was founded by Walter Gropius, a German architect.
- The Bauhaus wanted to design and manufacture products, architecture and print that was functional, cheap and compatible with mass production techniques.
- They believed strongly in honesty of materials and that a product's function should be reflected in its aesthetic qualities.
- New materials and manufacturing processes provided a catalyst for much of their work.

## **Design Classics**

#### Coca Cola Bottle

The equally famous Cocca Colli bolling, called is "continer bollin" with the company, but is some to some as its "lob ble shift bolts, was created by bolts designs rians A. Coca. is 1910, the Cocca-Collic Company with existed a competibles among the bolts exposes to create a new bolts for their bows ange fact was and disting the the data beverages bolts, "a bolts with a person cost of econgic reses fibery thit is the data."

Draiswar sspirol by a pictur of the gostof-sizped cocco-a pool is ble £increatepored a Britaiska, Hernade a corgi ske bol of ble pool aud toustormed ble stazpe of the pool alto a bo 20. The oddte design was pash the li Nacember 1915.

The problype reservable fib productors shoe its mobile duame tranas tage for an its base, making it isstable on conservor befts. Deas resolved to its losse by decreasing the bothe's mobile duameter.

To day, bie conto ir Co ca-Co la bo ble is o re of the most recognized packages on bie planet..."exer in bie dark!".



Decigned by Earl P Dece: 1015