Design project

International Baccalaureate · IB Diploma · Design Technology · SL · Vocabulary in context

Word	Example
primary research /ˈpraɪmərɪ rɪˈsɜːtʃ/	Interviewing customers directly is **primary research**.
secondary research /ˈsekəndərɪ rɪˈsɜːtʃ/	Our **secondary research** compares three published studies.
product analysis	**Product analysis** studies existing products to learn from them.
design brief /dɪˈzaɪn briːf/	A **design brief** states the problem, the client and the setting.
design specification	A **design specification** lists what the product must do.
success criterion /səkˈses kraɪˈtɪərɪən/	Each **success criterion** must be measurable.
clearance /ˈklɪərəns/	Leave enough **clearance** so the drawer slides freely.
percentile /pəˈsentaɪl/	Scoring at the 90th **percentile** means you beat 90% of people.
brainstorming	**Brainstorming** means listing many ideas quickly.
morphological chart	A **morphological chart** lists different ways to do each function.
biomimicry	**Biomimicry** copies ideas from nature.

90th 90%

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weighted decision matrix	Fix the weights before scoring the **weighted decision matrix**.
variable /ˈveərɪəbl/	A **variable** stores a value that can change.
gantt chart /gænt tʃɑːt/	A **Gantt chart** shows tasks against time.
production plan	A **production plan** lists each step to make the product.
risk assessment /rɪsk əˈsesmənt/	A **risk assessment** lists threats and how serious they are.
evaluation /ɪˌvæljuːˈeɪʃn/	In the **evaluation**, judge how well your solution meets the criteria.
academic integrity /ˌækəˈdemɪk ɪnˈtegrɪti/	**Academic integrity** means doing your own work honestly.