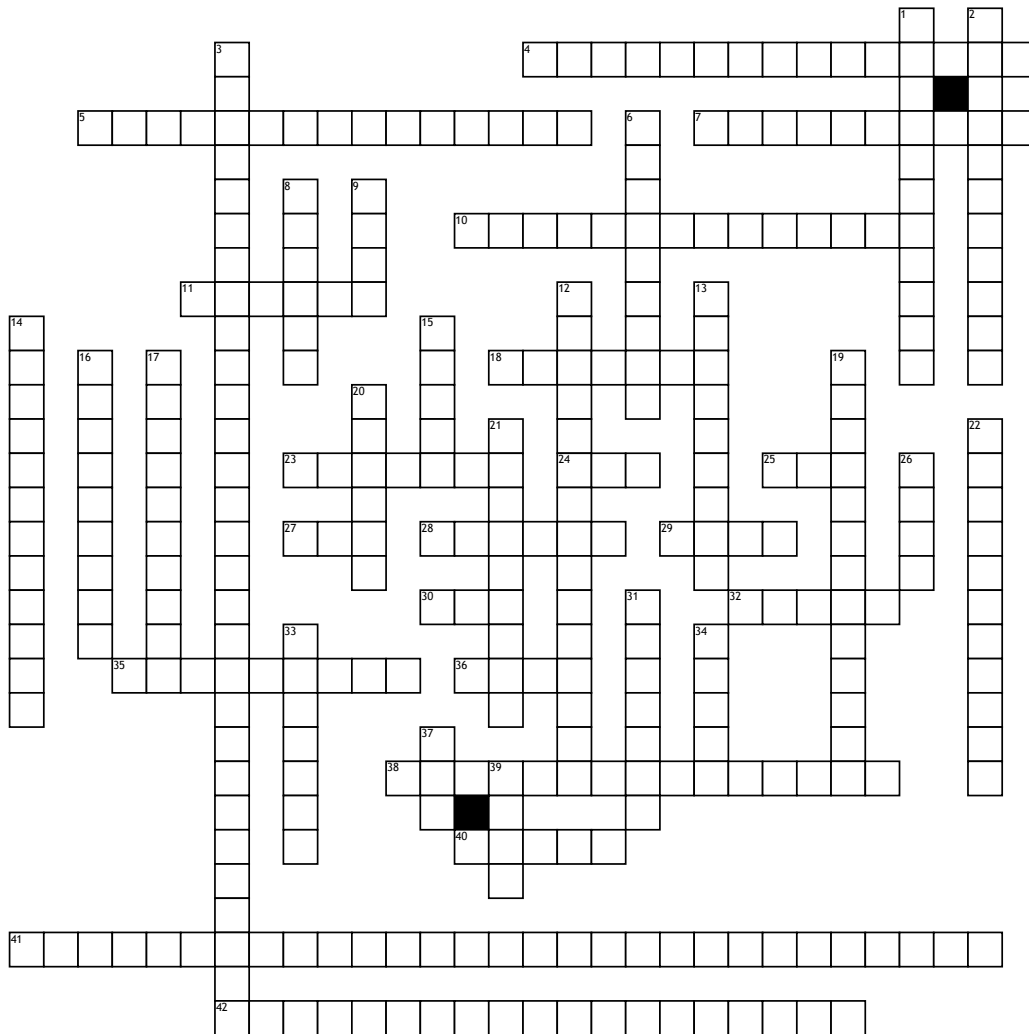


A level Exam Revision



- Across**
- 4. Try square for metal
 - 5. Body measurements
 - 7. Metal casting process that is characterized by forcing molten metal under high pressure into a mould cavity
 - 10. Highly automated usually inflexible with high set-up cost.
 - 11. What is the name of the natural compound found in wood that needs to be removed from the cellulose fibres to make paper pulp?
 - 18. Design style of the 1920's
 - 23. Mark a centre
 - 24. milk containers are made of me
 - 25. World's third-most widely produced synthetic plastic polymer
 - 27. Not for profit organization established to promote the responsible management of the world's forests
 - 28. Name a source of cellulose fibre, other than wood, used to make papers and boards.
 - 29. Softwood
 - 30. Does not react with liquid inside it
 - 32. Wood suitable for toy making
 - 35. Looses leaves in winter
 - 36. Characteristic of ferrous metal
 - 38. The total amount of greenhouse gases produced to directly and indirectly support human activities
 - 40. Alloy of copper and zinc
 - 41. What do the abbreviations CNC stand for?
 - 42. Material used to protect products during transit
- Down**
- 1. Able to be maintained at a certain rate or level
 - 2. Semi transparent
 - 3. ABS
 - 6. If re-heated they cannot soften as polymer chains are interlinked.
 - 8. An alloy of copper and tin
 - 9. Magnetic metal
 - 12. Uses jigs, templates and flexible manufacture
 - 13. 3D drawing technique
 - 14. Designed to have a limited lifespan.
 - 15. Hard softwood
 - 16. Definition: capable of being extended or shaped by hammering or by pressure from rollers.
 - 17. JIT
 - 19. List of criteria
 - 20. Postmodernist designer
 - 21. Light, durable, functional and the most widespread metal on Earth
 - 22. CAM we use in school
 - 26. Mr Starke's first name
 - 31. Manmade board
 - 33. Capable of being drawn out into wire or thread.
 - 34. Finish for wood
 - 37. European hardwood
 - 39. Rough edge of metal

Word Bank

- | | | | | |
|-----------------|-------------------------------|---------------------------------|----------------------|-----------------|
| die casting | oak | FSC | translucent | deciduous |
| brass | lasercutter | aluminium | starck | malleable |
| Bronze | massproduction | PVC | engineers square | carbonfootprint |
| sustainable | beech | anthropometrics | thermoset | plywood |
| justintime | tin | Acrylonitrile Butadiene Styrene | paint | John |
| bradawl | artdeco | burr | pet | specification |
| batchproduction | rust | iron | ductile | isometric |
| lignin | computernumericallycontrolled | obsolescence | expanded polystyrene | pine |
| balsa | bamboo | | | |