

Knowledge Organiser

Year 1— Structures

Can we make our own

playground equipment?

| Millin. | Know your talents and use them for good | D E CON | Keep yourself and others safe | Be a critical thinker | |
|-----------------------|--|----------------|--|-----------------------|---|
| VN A | A Designed | Be independent | 3.00. | Cuco | we want to be broked. - We know and celebrate d we are all different. |
| Be a connection maker | Be courageous | steams | StFrancis | Be a role model | Be proud of you |
| | Be a team player | "I have con | ne to give you diversity John 50:00 earning. | Romy | Learn from Jo |
| | Paji | Raku | | Be physically and | |

| Build | to make by joining together | | |
|------------|----------------------------------|--|--|
| | different parts and materials; | | |
| Make | to bring into being by building | | |
| | from separate parts. | | |
| Purpose | a reason or plan that guides | | |
| Function | the purpose or role that an | | |
| | object or a person fulfils or is | | |
| Appeal | the ability to attract interest | | |
| Develop | to bring out the potential of; | | |
| | advance to a more complete | | |
| Plan | a way something is to be | | |
| | done that is thought out | | |
| Method | a way of doing something. | | |
| Components | a part of something. | | |
| Construct | to build; put together. | | |
| cutting | To pierce, slice, or open with | | |
| | a sharp tool such as a knife, | | |
| Shaping | to give a certain form or | | |
| Joining | to put, bring, or fasten to- | | |
| Finishing | to put a polish on or coat the | | |
| Structure | A thing made up or a number | | |
| | of parts joined together in a | | |

What should I already know?

In EYFS children would have investigated simple mechanisms and simple structures.

What will I know by the end of the unit?

Children will design and make a structure that can be used in a playground or a park area. The structure must be free standing and fit for purpose. The children will be able to choose from a range of materials, showing understand-

ing of different joining techniques.



Notable Inventor—Antoni Gaudi Antoni Gaudi was a Catalan architect from Spain. Most of his work is located in Barcelona. Most of his work was influenced by his passions in life.