DT On a page St George's Junior School

Training/CPD

Metacognition & Rosenshine Principals (I do, we do, you, think alouds. Me plan, do, review, Give me 5)
Observation of other colleagues
Involving staff in book looks, observations and feedback
Technology Training
Knowledge organisers
STEM Ambassadors Use
Staff meetings

Curriculum/Scheme

- Follows National Curriculum.
- Knowledge progression arranged into termly or half termly topics to allows for cross curricular learning.
- Skills progression grid taking into consideration Woodfield learning to ensure progression during transition between schools.
- Overview produced to link to other curriculum subjects to allow for practical application of skills (science, PSHE, maths, art, computing)
- Strands covered: cooking, construction, sewing and textiles, mechanical systems

Technologies

Crumble- App on computers
Lego Programming- STEM workshop
Tinkercad- online 3d design
Seesaw – recording

Intent

To develop children's experiences and understanding of design and making, inspiring their curiosity about how and why products are made to enhance our lives.

Assessment & Monitoring

Summative: Termly teacher assessment/Knowledge organiser tasks
Formative: Questioning**,** Marking & Feedback of independent tasks**,** Checks**,** Kahoot/ LbQ or quizzes/ Seesaw observations
Monitoring:
Cohort meetings
Seesaw

Strengths

- Progression
- Cross curricular (topics)
- Knowledge Organisers support vocabulary

Action Plan:

- CPD
- Use of Seesaw to record DT work
- Resource kits

Scaffolding and Mastering

Recording:
*Use of templates
*Adapted Knowledge Organisers *Word Banks/Vocabulary lists
*SeeSaw for modelling and recording
*Pre-prepared diagrams for labelling to aid methods/understanding of key concepts
Working Practically:
*secure apparatus to the desk *allow additional space for working
*use hand-over-hand methods to demonstrate using equipment
*use partners who can help with pouring etc

Allow real world application.
'Digging Deeper' questions on Knowledge organisers.
Children given freedom to plan/design their own products, conduct market research and evaluate their designs given specific design criteria.