

Jennett's Park Creative Journey Planner YEAR 3 Green Jays & Parakeets TERM Autumn 2021

Empowering our children to flourish and achieve under God's love

Name of Unit Here come the Robots		
The Context (Why): To look at the changing face of technology and to see the importance of technology across the globe as well as in our own lives.		
<p>They need to know and understand:</p> <p>Developing comprehension and inference skills</p> <p>Participating in discussions and presentations</p> <p>Retelling stories</p> <p>Writing a diary entry and story writing</p> <p>Writing non-fiction fact files about robotics</p> <p>Designing, building and evaluating a working robotic hand in DT using straws and string</p> <p>Building junk modelled robots – selecting appropriate materials</p> <p>Internet safety – using technology safely, respectfully and responsibly.</p> <p>Identifying a range of ways to report concern about content and contact</p> <p>Place value, subtraction and addition</p> <p>Learning about the emergence of computers and robots in the Modern era.</p> <p>Placing periods of history on a time line.</p> <p>Forces and Magnets</p> <p>Compare how things move on different surfaces</p> <p>Observe how magnets attract or repel each other and attract some materials and not others</p> <p>Compare and group together a variety of everyday materials and identify some magnetic materials</p> <p>Rugby – personal progressions, key skills</p> <p>Use ipad/laptops to retrieve relevant information</p>	Educating for Wisdom, Knowledge and Skills	To help grow resourceful, resilient and reflective children who are equipped with the skills, knowledge and tenacity empower themselves, their learning throughout their lives.
	Educating for Hope and Aspiration	To inspire and enrich lives beyond current opportunities and experiences in order to open minds to the potential their future holds
	Educating for Community and Living Well Together	To be a multi-cultural, inclusive community of individuals loved by God who feel valued and involved where we create qualities of character to enable people to flourish.
	Educating for Dignity and Respect	That children might know how much that they are loved and valued by so that they might show dignity and respect for themselves and others by carefully and safely thinking through their actions.

Immersion Activity- What do they need to know? How are you going to start with a bang?

Iron Man text

Trailer for Iron Giant film

3 adverts showing robots – identifying all the different ways robots are being used today

The Challenge or Big Questions

How have robots changed our lives?

Are we reliant on modern technology?

Will robots take over the world?

Real life context and links to Wider World (International/ Charity/ World of Work)

How robots impact our everyday life and how this has changed in the Modern age.

How robots are impacting manufacturing.

Activities (Possible Route of learning)

1 Explore texts

2 Introduction to rugby

3 Using magnets to explore forces

4 Research internet for information about robots

5 Designing our own robots hands.

6 Look at robotics/computers in the context of history

Trips/ Visits / Experiences

Cardboard Challenge day

Challenge 10 activities

Bagel questioning and thinking to explore robots.

Check in line up activity to assess knowledge at start and end of learning.

Visual imagery- photos of artefacts to compare and use questions to develop thinking skills

Oracy Links

Challenge 10 activities

Bagel questioning and thinking to explore robots

Check in at start and end to assess knowledge

Vocabulary

Developing fluency identifying nouns, verbs, adjectives and adverbs

Using a variety of commands, statements, exclamations and question in writing

Exploring unfamiliar vocabulary in Guided reading and using inference skills to help identify them

Literacy, Maths and Computing Links

Understanding the key features of a diary entry, story and fact file

Creating fact file using own research.

Place value

Subtraction and multiplication

How we will cover Owl Learning Behaviours and Rainbow Values in this journey

C - *Collaboration*

O - *Optimism*

P - *Perseverance*

P - *Pride*

I - *Independence*

C - *Challenge*

MD - *Managing Distractions*

♥ Love ♦ Honesty 🏹 Respect 🕊 Peace

🙏 Forgiveness ⌚ Patience 🤝 Support

😊 Kindness & Joy

Home Learning Projects

Junk modelling challenge – build your own robot

Final Quality Products

Fact file on different robots.

Story based on Ted Hughes Iron Man

Diary entry from Howgarth

D T hand with moving fingers

Completed book review of Iron Man

How to Share and Celebrate Success

Publish photographs of junk modelling

Send home robotic hands

Share fact files with another year group