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Working4U Development Officer

Working 4U offers local young people and adults a wide range of learning opportunities designed to help in their journey towards work



STEM Cooking Project

To involve families in a variety of learning activities around cooking, science and eating together.

Develop wider numeracy and science skills and promote family learning at home.

To help parents/carers form closer partnerships with the school in order to increase parental involvement in their child's learning.

Build families confidence and self-esteem.

Help reduce /break down any barriers that prevent families getting involved in their child's learning.

Increase take up from families to other Working4U services and support services within the local community.

Additional outcomes

- * Increased confidence in cooking skills and awareness of healthy foods
- * Increase in families working together to have healthy meals and spending quality time learning together
- * Improved communication links with school staff and skills among family members
- * Increased awareness of Working4U adult learning opportunities
- * Increase in skills and knowledge in basic science in our everyday lives

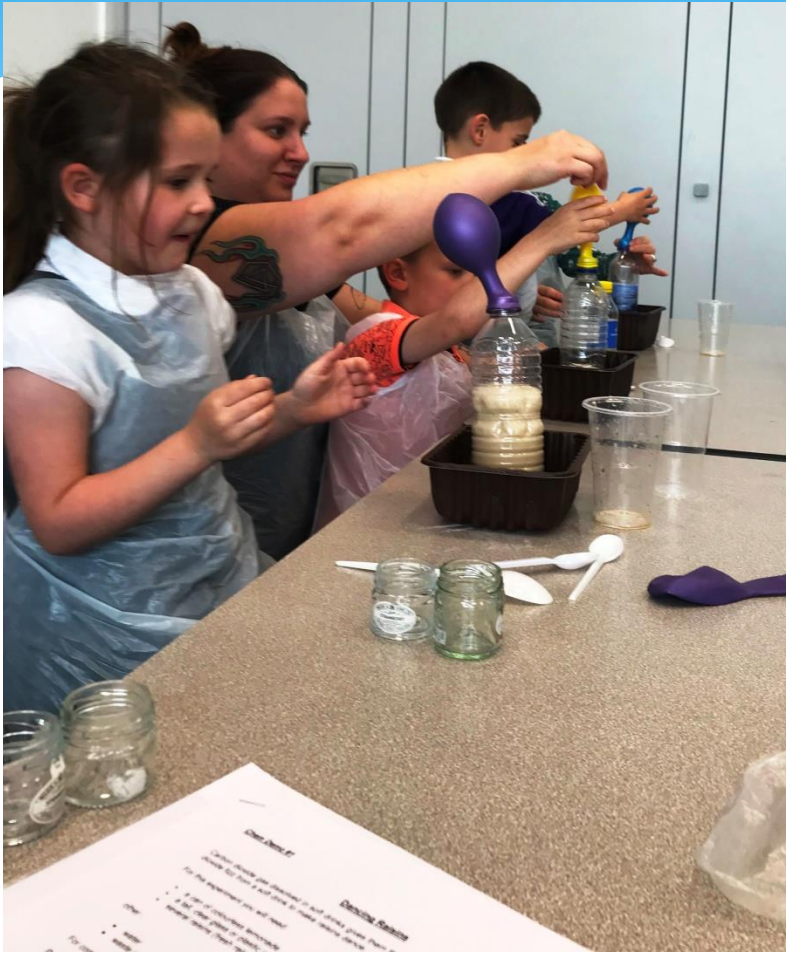
Partnership with families, school, community chef, STEM ambassador and CL&D



Topics related to what families were cooking.

- * Food chains
- * Sustainable fishing
- * Floating and sinking
- * States of matter
- * Water cycle – evaporation, cloud in a jar
- * Insulation – ice challenge
- * Journey of food – food miles- sustainability
- * The digestive system
- * Science centre kitchen science pack – offered ideas to try at home

Kitchen science





Experiments even took place outside as things got a bit explosive with bottles of soda water and a packet of mentos!





The children here are exploring the elasticity in dough and what happens with gluten. Very hands on and great fun !



Mesmerised by what liquids float and what sinks to the bottom and discovering the reasons why?



This experiment captivated the families as it used skittles sweets, a candle, a glass and some water to make a rainbow.

Benefits of having STEM ambassadors:

- STEM Ambassador free expertise.
- Valuable experience in their subject, each Ambassador brings different ideas and expertise.
- Enhances your programme and brings variety to the learning offer to families.
- STEM Ambassadors can provide resources needed.
- Relates the science learning to the CL&D programme and fully engages with families.
- Offers fun, practical experiential learning experiences that can be tried at home.
- STEM Ambassador Hub find you the Ambassadors who then contact you to negotiate a suitable programme.



Feedback from families:

Spending quality time as a family learning to cook together and seeing the children fascinated by the science experiments.

I liked that we do the science and make a mess then we eat the food we made its great!

Getting to meet new families and learning about healthy foods to cook and eat. Loads of skills and knowledge gained just loved it all.

Participating in after school activities and gaining new knowledge in science. Great being part of a group, getting confident in doing things together without computer games. Loads of fun, thanks