



All wound up!

Making moving models

Providing learners with an opportunity to explore engineering principles by constructing models is a great way to build skills and resilience. By using easy to resource materials – most of them recycled – learners can design, plan, construct and refine a range of moving models using winches, hoists and wheels.

Our cereal box hoist encourages learners to design a moving model linked to a story, song or rhyme – making meaningful links across CfE.

To develop skills further we have produced supporting materials to show a range of spinning models using rotating wheels. These simple models provide learners



with an opportunity to engage with some principles used in real life engineering – at the same time encouraging and developing creativity and design skills.

Click the button below to explore a range of videos and instructions to support the construction of these models, providing CfE links and top tips to inspire you and your learners!

