



The Chip Cone Challenge



What is it?

The chip cone challenge is a fun activity that requires the students to design and make a product to a given criteria.

Make a chip cone from card to fill with homemade chips to eat. The card should be made into a cone, decorated and fastened. Potatoes should be made into chips and oven baked. They should then be put together and eaten as part of the activity.



Ideal for...

Individual	Small Group	Large Group
👍	👍	

Duration...

1 Lesson	1/2 Day	Week	Longer
👍	👍		

Resources...

Card, rulers, adhesive-glue, sellotape, crayons

Potatoes, Ovens, Knives, Oil

Enterprise stickers to recognise and reward use of enterprise skills throughout the challenge.

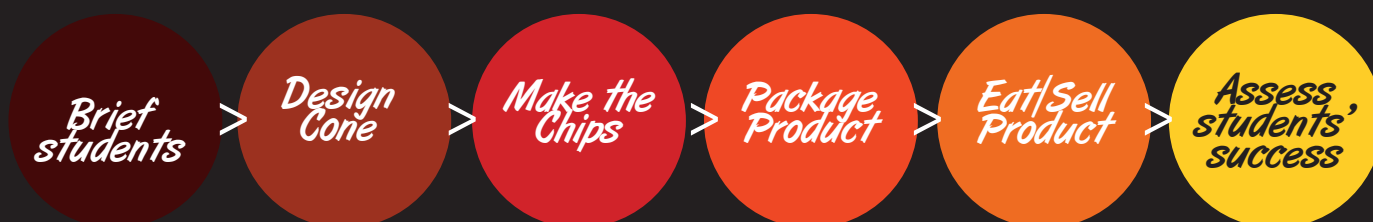
Lesson plan

Begin by focusing students' attention and setting the context for the lesson by introducing/recapping on the Enterprise Commandments and key words. Share learning objectives and outcomes with students.

TOP TIPS - Remind the students that the cone is to be large enough to hold chips!

Key questions:

- What enterprise skills will this challenge involve?
- What tasks need to be done to complete this challenge?
- Who is going to lead each task?
- How will the cone be stuck, what would you use?
- Are you going to decorate the cone?
- Will this be best before or after it has been stuck together?



Learning objectives

Students will become more familiar with the terminology associated with enterprise and develop their enterprise skills while taking part in the challenge.

The 'Enterprise Commandments' are met in this activity in the following ways:

- Everybody matters, so cooperate**
All students join in the challenge
- New things try them**
This is a new experience for students
- Take the lead**
Some students may lead in various ways e.g. putting forward ideas, delegating tasks or supporting and motivating others
- Ears – use them well**
Students listen to each other's ideas throughout the challenge
- Respond to others – communicate**
Students will use a range of communication skills – gesturing, smiling and speaking and listening to each other when carrying out the challenge.

Learning outcomes

All students will demonstrate enterprise skills as they work in their group to make a cone and chips

Most students will make their own decorated cone.

Some students will design their own cone, make chips and put them together and show that the design is fit for purpose.

Other key outcomes:

- To understand the properties of a cone
- To estimate the space needed to fit the chips into the cone
- To consider other 2 and 3 dimensional shapes when designing the cone
- To understand the need to share resources e.g. oven space, kitchen utensils

Perform as a team

Several groups may need to cook chips at the same time and individuals within groups may need to share equipment

Responsibility – show it

Students wash hands before preparing food, tidy and wash up afterwards

Initiative – take it

Students plan what to do and create their own design for the cone

Solve problems

Students will need to ensure that the cone needs to be fit for purpose i.e. big enough to fit the chips in

Every day meet your deadlines

Tasks needs to be done by a certain time - chips need to be cooked.

Cross-curricular outcomes

Literacy – speaking and listening, reading instructions

Numeracy – measuring and making a cone shape from card. Costing of chips.

Design Technology—peel potatoes, cut into chips, oven bake

Science – cooking of chips

Art & Design – decorate chip cone

I.C.T – Find a cone shape to use on the internet—differentiation to suit abilities.



Plenary

The challenge should involve mini plenaries throughout its duration, recognising enterprise skills as the students demonstrate them.

However, a more complete plenary should take place at the end of the challenge and could be used as part of a judging process. This will include revisiting the learning objectives and outcomes. Have the students demonstrated enterprise skills? How?

The following questions should be asked:

- What skills have you used from other lessons during this challenge?
- What skills have you developed today that you can use in other lessons?
- Are these cones capable of holding chips?
- Are they fit-for-purpose?
- Which of the enterprise commandments have you developed through this challenge?

Differentiation opportunities

The challenge can be differentiated in ways that can make it more difficult for more able students. Cone shapes can be downloaded from the computer—ready decorated and coloured. Cone shapes may be drawn, with some help, and decorated by students and stuck into the cone shape. Students may design their own shape, add their own design and make it into the shape independently. Oven chips, rather than home-cooked chips may be cooked and put in the cone. Potatoes may be peeled, sliced, cut into chips, oven baked and put into cone.

Follow up work

Which were your strongest/weakest enterprise skills?

Have you mapped your enterprise skills in your workbook?

Discuss costing of chips compared to bought chips/ chip shop/oven chips etc

Could you sell other food in a container?

Visit places that sell take away foods and look at containers, popular food and prices.



Enterprise skills in use

	P1-P3ii	P4-8	Level 1-4
Co-operation			
Trying new things			
Leadership			
Listening			
Communication			
Teamwork			
Showing Responsibility			
Using initiative			
Problem solving			
Time management			

About BeeSpoke Enterprises

This challenge is a product of BeeSpoke Enterprises, an initiative developed by Catcote School Business and Enterprise College with support from local business Xivvi Ltd. All of the challenges, materials and resources have been developed by drawing upon 15 years of experience delivering and embedding enterprise within secondary special education. Catcote School Business and Enterprise College have been commended for their work on enterprise and their Director of Specialism – Business and Enterprise was recently awarded the Queen's Award for Enterprise Promotion.

To find out more about other products and services go to www.bee-spoke-enterprises.co.uk or contact the school on **01429 264036**