

Connecting**Stretching****Transferring**Topic: **4c Collaboration**Activity: **Machines****What you are trying to achieve ...**

Students recognise that in working together key roles need to be fulfilled if a task is to be successfully achieved.

Set up the Activity

Divide the group into teams of four to seven people.

Explain: "**You are going to create a machine with moving parts using yourselves.**

Each of you is to be part of the machine or something that the machine makes.

When you have put your machine together and made it work you will demonstrate it working to the rest of the group.

You have 10 minutes.

The group will try and guess what your machine makes."

Debrief the activity

How did the group work together?

Did a leader emerge?

How did you decide what the machine should make?

How did you decide when the machine would start?

How did you assign machine parts?

What did different people contribute to the team effort?

What have you learned about working in a team?

Extend using Linking Ideas

Print or display Linking Ideas.

Run through the explanation of using the collaboration muscle.

Move on to the related activities.

Things to Try ...

Assigning specific machines to each group.

Coaching Notes

Linking Ideas