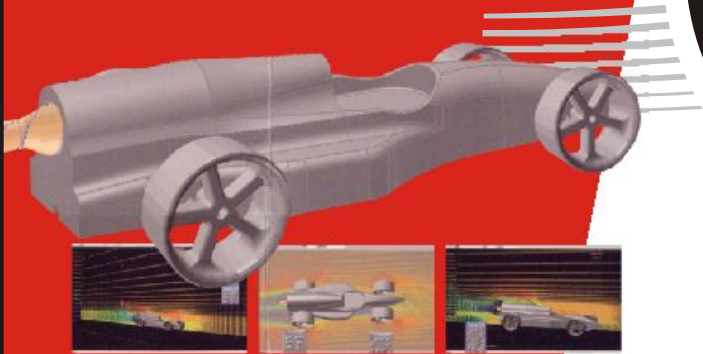


## Design



## Analyze



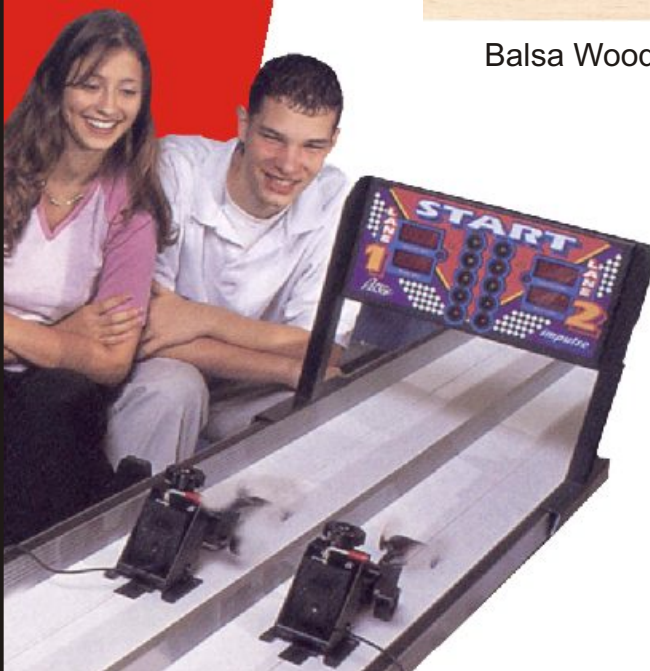
## Make



## Test



## Race



# TEAM WORK *Canada*



## THE FORMULA ONE™ TECHNOLOGY CHALLENGE

### IN SCHOOLS

### Brief:

- Design the fastest Formula One Car of the future.

### The Challenge:

- Students will first need to contact the teacher.
- Organize a team of at least three to a maximum of six students.
- **Design** your cars on CAD (e.g., *Mastercam*).
- **Analyze** your design using manual methods or software (e.g., *Virtual Wind Tunnel* software).
- **Make** your cars using a CNC machine (eg., *Denford Microrouter* or *manufacturing partner*).
- **Test** finished models in a smoke tunnel and a wind tunnel.
- Paint them to a high degree of finish and add graphics.
- Then the **race is on!!!**

Teams will be invited to attend a Provincial Final to compete for a place in the National Final.

The overall national winning team will be invited to represent Canada at the International Final.

Turn this...



Balsa Wood Block

...into this...



CNC Machined Car

...into this!



Finished Car

## Are you ready for the challenge?

To get involved contact:

Teacher: \_\_\_\_\_

Room Number: \_\_\_\_\_

Check out what other students are doing at the **F1 IN SCHOOLS** website in the U.K. (where it all started): [www.f1inschools.co.uk](http://www.f1inschools.co.uk)



### Sponsors



INTERNATIONAL FOUNDING PARTNERS

