



# FUTURE HOMES 2010

**From a back pack to a space ship  
Open your mind, design outside the square**

DET and award-winning builder Living Green Designer Homes bring you an exciting Design Challenge for Hunter Central Coast students in years 9 and 10. It is suitable for Design and Technology, Industrial Design and Information Technology and has been developed around the DER NSW Learning Devices. The Design Challenge will run in Term 2 and comes with a design package for teachers, including Scope and Sequence, Assessment Tasks and supporting resources.

It is based on the need to rethink our houses in the face of decreasing land availability, changing lifestyles and career options and increasing awareness of the need for a more sustainable future. Our environment is under pressure and we have a greater understanding of the need to conserve energy and materials. We need to design houses that are flexible and can adapt to a changing environment.

During Term 2 students will work in small teams to develop a design for a **20 square metre** future home that:

- will harvest alternative forms of energy and water
- has the ability to adapt to changing economic, social or environmental circumstances.
- makes the best use of sustainable materials

Each team will use a set of criteria to design their home. Each will judge their entries and submit their best design at the end of Term 2. Ten finalist designs will be selected by a regional panel.

Local builder Craig Riddle of **Living Green Designer Homes** will select the winning design from the finalists. Craig will work with the winning team in the LGDH factory to **bring their design to life** as a portable structure.

**More information available in early March.**

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**Craig Riddle,**

Managing Director of Living Green Designer Homes, is an accredited HIA Greensmart Builder and MBA Member. Craig has a long history in residential, industrial and commercial developments spanning over 25 years. Throughout this time Craig has won numerous awards both in the regional and state categories and in 2009 was nominated for the HIA Australian Small/Medium Builder of the Year.