 FSHo2CEC Costs of running a household, maintenance, and repairs

MG1H-2 analyses representations of data in order to make predictions

MG1H-3 makes predictions about everyday situations based on simple mathematical models

MG1H-4 analyses simple two-dimensional and three-dimensional models to solve practical problems

MG1H-5 interprets the results of measurements and calculations and makes judgements about reasonableness, including the conversion to appropriate units

MG1H-6 makes informed decisions about financial situations likely to be encountered post-school

| Content | Teaching Strategies | Resources |
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| Compare the costs of various insurances, including public liability, building, contents, income protection, and personal insurance | Whilst there are a lot of insurance comparison web-sites, many require a lot of information (that student’s may not be familiar with) and not all show a comparison without giving personal details.The Canstar web-site, allows some basic comparison of price and features for a variety of insurances. | Insurance comparison sites, ChoiceCanstar |
|  | With some basic options selected, you can compared health insurance policies on this Australian Government web-site. | Compare health insurance policies, Australian GovernmentClick to view an introductory video. |
|  | About home & contents insurance | [MoneySmart](https://www.moneysmart.gov.au/insurance/home-and-contents-insurance) |
|  | The owners corporationExplains the responsibilities of the owners corporation | [Fair Trading NSW](http://www.fairtrading.nsw.gov.au/Tenants_and_home_owners/Strata_schemes/The_owners_corporation.html) |
|  | This article from the NAB covers how a body corporate (owners corporation) is financed. | [What is a body corporate?](http://learn.nab.com.au/what-is-a-body-corporate/), NAB |
| Read and interpret common household bills, including bills for electricity, gas, telephone, council rates, land tax, water, and body-corporate and strata levies | Australian spending habitsThis infographic gives lots of examples of how Australians spend their money. | [What do you really spend your money on?](https://www.moneysmart.gov.au/managing-your-money/budgeting/spending/australian-spending-habits), MoneySmart |
|  | Read and interpret common household bills | Bill guides, Energy Australia (electricity)Your Residential Bill Explained, AGL (electricity, gas)How to read your bill, Telstra (phone, internet)Understanding your Optus Bill & Usage (telephone, internet)About your bill, Sydney Water |
| Perform calculations based on information contained in common household bills |  |  |
| Investigate ways in which household expenditure can be reduced, eg efficient shower heads, and more efficient light globes and appliances | Twenty ways to cut your expensesA starting point for further discussion/investigation. | [Article, The (Adelaide) Advertiser](http://www.adelaidenow.com.au/news/twenty-ways-to-cut-your-expenses/story-e6fredo3-1111118941078) |
|  | Five ways to reduce your household's energy use | [Article, Choice](https://www.choice.com.au/home-improvement/energy-saving/reducing-your-carbon-footprint/articles/five-ways-to-reduce-your-households-energy-use) |
| Calculate the costs of common repairs carried out by tradespeople, given the hourly rate and the cost of materials | This table appears to give hourly rates for 10 renovation industries. | [serviceseeking.com.au](http://www.serviceseeking.com.au/blog/other/renovation-consumer-price-index-q4-2014/) |
|  | Renovation Consumer Price IndexLists the hourly rates for 10 trades. | <https://www.serviceseeking.com.au/renovations/nsw> |
| Perform calculations for home additions, renovations, Repairs and maintenance | Archicentre Cost GuideGives indicative: Repair & Maintenance Costs, Renovation and Extension costs | File: Archicentre\_Cost\_Guide\_Final\_v3\_Aug15.pdf[Source: Download Archicentre Cost Guide](http://www.archicentre.com.au/download-archicentre-cost-guide) |
| Construct a scale diagram of a room | See FSDe1CEC for online tools to create simple floor plans. |  |
| Calculate the cost of repainting rooms based on the calculation of the area of the walls and ceilings | See FSDe1CEC Scale drawings and house plans. |  |
| Calculate the amount of floor covering required for a room | See FSDe1CEC Scale drawings and house plans. |  |
| Prepare a budget reflecting the costs of running a household. |  | [Budget Planner](https://www.moneysmart.gov.au/tools-and-resources/calculators-and-apps/budget-planner) |

Additional Links: [MathsLinks FSHo2CEC: Costs of running a household, maintenance and repairs](https://mathslinks.net/browse/fsho2cec)