

About

This project involves the development of a replica of the Light Tank from the game *Advance Wars*.

Photos

[File:Light_tank.png%7C](#)The original game sprite. [File:TankProg1.png%7C](#)Initial design layout using guesstimated proportions. [File:TankProg3.png%7C](#)A more detailed design featuring an interior frame. This was originally planned to be completely built from scratch, until the wheelchair idea was implemented. [File:TankProg5.png%7C](#)Initial design layout using guesstimated proportions. [File:TankProg5.png%7C](#)True measurements are gathered to create the final design of the interior frame. The grey objects represent areas of the wheelchair, while yellow objects represent the wood framework. Red objects are detail.

[File:WheelchairConstruction1.jpg%7C](#)The wheelchair the tank would be mounted onto. Found on eBay for £30! [File:WheelchairConstruction2.jpg%7C](#)An inner frame is constructed and attached to the wheelchair. The outer frame will attach to this, allowing for 'modules' to be attached or removed from the inner frame at will. [File:WheelchairConstruction3.jpg%7C](#)The top half of the outer frame completed. [File:WheelchairConstruction4.jpg%7C](#)The bottom half of the outer frame completed. Taken for a test drive up the garden, it works well! [File:WheelchairConstruction5.jpg%7C](#)Foamboard panels are starting to be attached, to create the 'armour' of the tank.

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