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Can Roll-up summary field works with Formula field? The answer is Yes and No.

Yes if the Formula field is not referring to a field from foreign object. Let me give you an example:

Project (Parent object)

- Project Name (Text 50)
- Due Date (Date)
- Total Cost (Roll-up Summary : Sum of all child Project Items Calculated Cost)

Project Test Project


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Project Detail

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Project Name	Test Project	Owner	 Test Flow [Change]
Due Date	7/4/2012		
Total Cost	\$450.00		
Created By	Test Flow , 7/4/2012 5:45 PM	Last Modified By	Test Flow , 7/4/2012 5:46 PM

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Project Items

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Action	Project Item Name	Item Price	Item Quantity	Calculated Cost
Edit Del	Machine	\$10.00	\$5	\$50.00
Edit Del	Workmanship	\$250.00	\$1	\$250.00
Edit Del	Transportation	\$150.00	\$1	\$150.00

Project Item (Child Object)

- Project Item Name (Text 50)
- Item Quantity (Number 18, 0)
- Item Price (Currency 16, 2)
- Calculated Cost (Formula = Item Quantity * Item Price)



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Project Item Detail

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Project Item Name	Machine
Item Quantity	\$5
Item Price	\$10.00
Calculated Cost	\$50.00
Project	Test Project
Created By	Test Flow , 7/4/2012 5:46 PM

Last Modified By [Test Flow](#), 7/4/2012 5:46 PM

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No, if the Formula field is referring to another field in a different object. Let me use the same example:

Project (Parent object) (Same as above)

Project Item (Child Object)

- Project Item Name (Text 50)
- Item Quantity (Number 18, 0)
- Related Item (Lookup : Product)
- Calculated Cost (Formula = Item Quantity * **Product.Price**)

Note that the Calculated Cost is now referring to a field called Price in the Product object. Because of this reason, the Roll-up Summary field (Total Cost) in the Project Object will not work anymore.

