[**http://pbskids.org/designsquad/**](http://pbskids.org/designsquad/)[**http://pbskids.org/designsquad/parentseducators/workshop/process\_id.html**](http://pbskids.org/designsquad/parentseducators/workshop/process_id.html)

**The Scarecrow’s Hat By: Ken Brown**

**Identify the Problems:**

Scarecrow’s arms are tired

Badger gets really hot in his underground hole

*Crows nest is hard and cold*

Sheep is afraid of wolf

The daylight keeps Owl up and he can’t get sleep

Donkey is bothered by all the flies swarming around him

***(Pick one problem to go through the design process with)***

**Imagine solutions:**

*Crow could collect more twigs, or some of the wheat, or grass, etc.*

*Crow could move the nest to a softer location (like the ground or a bush)*

Crow could clean out some of the garbage in his nest (watch, jewelry, the soda can tab)

Crow could hang the nest from a tree branch with his ribbon so it floats in the air

Crow could move further south to a warmer environment

Crow could share with other crows and keep eachother warm

***(Then sort into 1-ordinary, 2-inventive,3-magical)***

**Plan:**

1. Crow will move the nest to on top of a bush that is usually in the sun( instead of the cold , hard stone)...Chicken or other friends might have to help.
2. Crow will also collect wheat and grass. There is a lot of it around.
3. The nest will be softer because of the bush and the gathered plants.

**Create:**

**Improve:**

**Present:**

**Clever Jack Takes the Cake By:Candace Fleming**

**Identify the Problems:**

Jack and his mom don’t have any money for a gift

The blackbirds are hungry

***The forest is very dark***

The wind blew out the candles

Bear ate the cake

The Princess is allergic to strawberries

The Princess doesn’t like anyones gifts. They are too ordinary.

***(Pick one problem to go through the design process with)***

**Imagine solutions:**

*Lights could be put in the forest-maybe powered by solar panels.*

Trees branches could be cut sun either the sunlight or the moon/stars light can shine through.

People could always bring flashlights into the forest.

***(Then sort into 1-ordinary, 2-inventive,3-magical)***

**Plan:**

1. Lights could be put in the forest along the trail.
2. They could be powered with solar panels, or wind power, or something that is powered from natural so they don’t have to run electrical wires there.
3. They might need to cut some branches or trees out of the way to make the power work.

**Create:**

**Improve:**

**Present:**

**The Relatives Came To Visit By: Cynthia Rylant**

**Identify the Problems:***(from looking at pictures)*

The mailbox is broken.

*Luggage is falling off the roof of the car.*

The fence is broken.

Toy truck is left outside/ it’s broken.

Baby might fall off the stool.

There’s not enough room to sleep.

Trash (watermelon, bags, plates, cups, sneaker, ball) is all over the ground.

***(Pick one problem to go through the design process with)***

**Imagine solutions:**

The could drive more slowly.

They could tie it down with more string.

They could take a second car and fit more luggage inside the car.

They could buy a roof rack or a rock/bin for luggage either that goes on the roof of a car or follows a car.

They could pack less.

The could share items so they could pack less.

***(Then sort into 1-ordinary, 2-inventive,3-magical)***

**Plan:**

**Create:**

**Improve:**

**Present:**

**Pigs to the Rescue By: John Himmelman**

**Identify the Problems:**

The field needs to be plowed.

The tractor is broken.

The farmer is sad/frustrated.

There are tools all over the ground.

Pigs are going crazy trying to help but they’re not helping as much as they think.

There is a leak in the hose.

The flowers need to be watered.

The flowers got ruined.

*There is a kite stuck in a tree.*

The kite ripped.

The crow has a sore throat.

Emily broke her shoelace.

Emily is all tied up.

Duck is sad.

Duck is flying away with the balloons up into the sky.

There is spilled milk.

***(Pick one problem to go through the design process with)***

**Imagine solutions:**

*Climb up and get it down, either using branches or a ladder or friends boosting you.*

Call for help, maybe fire fighters since they have ladders.

Make a really long grabbing hand out of long poles.

Keep wiggling the string until the kite is free.

Invent hover shoes and hover up to get it.

***(Then sort into 1-ordinary, 2-inventive,3-magical)***

**Plan:**

1. Borrow a ladder from a neighbor.
2. Get at least two friends to help.
3. Have one friend hold the ladder as you climb up.
4. Grab the kite and toss it down to another friend.
5. Don’t fly your kite by a tree again, pick a wide-open space.
6. Return the ladder.
7. Thank everyone who helped.

**Create:**

**Improve:**

**Present:**

**The Lorax By: Dr. Seuss**

**Identify the Problems:**

The faucet is leaking.

The grass is no longer green, the clouds are dirty, the pond dried up.

The trees are getting cut down, people think if it’s just one it won’t make a difference.

No one is listening to the Lorax.

The Brown Barbaloots are losing their habitat.

Smog is causing swomee-swans breathing problems.

Pollution in the pond.

There are no more trees.

***(Pick one problem to go through the design process with)***

**Imagine solutions:**

***(Then sort into 1-ordinary, 2-inventive,3-magical)***

**Plan:**

**Create:**

**Improve:**

**Present:**