

### **Cooking Requires Proper Attitude**

- An hurried meal prepared in anger imparts stressful flavors and chaotic thoughts.
- A restricted recipe can lead to deprivation, loneliness and isolation.
- If the the cook feels rejected, so will be the meal.
- Cooking is a time of self-reflection.
- If cooking is a chore, then move on.
- Food is art and an expression of self.

# The Joy of Cooking

- Respect what you are doing.
- Nourishment for the body and the soul.
- Mistakes happen.
- Mise En Place.
- Think of the recipe in total.
- Start simple.
- Never apologize.
- Your tastes are not every one's.

### Kitchen Design

 Like any workshop, function is the main goal.

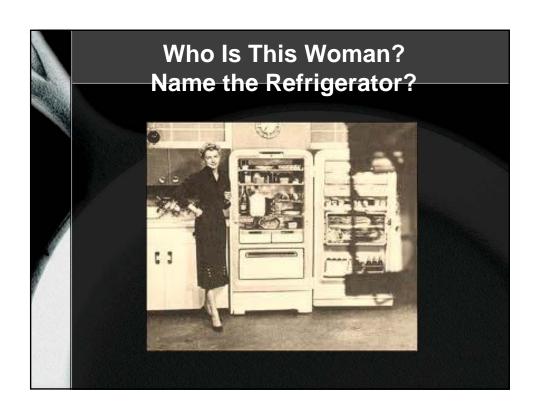
Kitchen of 1930

 Two areas of a home define it's presence...the master bathroom and the kitchen.
 The rest is just space.

The Cooking Cardiologist 2013









### Kitchens of the 1800s

- Beginning to store items.
- More organized.
- Early prepared foods...flour, sugar, dry goods, spices....
- On the go...the earliest form of tailgating, not much different from now.





### **Cooking Methods**

- Cooking helps to break down the food for easier assimilation.
- Cooking provides inner warmth in comparison to raw foods.
- Cooking can traumatize food.
- It maybe not what we are eating, but how food is prepared.
- We are tough on food...high heat, flames, blackening, and quick cooking.

### **Steaming**

- Adds moisture to the food.
- Maintains nutrients.
- Is rather quick.
- Avoid tap water...chlorine gases.
- Flavors enhanced without oil.
- Not all vegetables steamed equally.
- Avoid over cooking.
- A variety of utensils available.





# **Steaming Vegetables**

- Vegetables have variable steaming times.
- Cook to al dente.
- Artichokes, potatoes, sweet potatoes, beets require 30-40 minutes.
- Carrots 6-8 minutes.
- Asparagus, broccoli same.
- Beans, corn on the cob about 5 minutes.
- Peas are quick, 2 minutes



### **Steaming Techniques**

- Add aromatics to the steaming liquid...herbs, citrus.
- Cut vegetables to shorten steam time.
- Ice water blanch to stop cooking process and maintain color.
- 1 teaspoon vinegar in bath helps to maintain color in vegetables.
- Season after steaming.

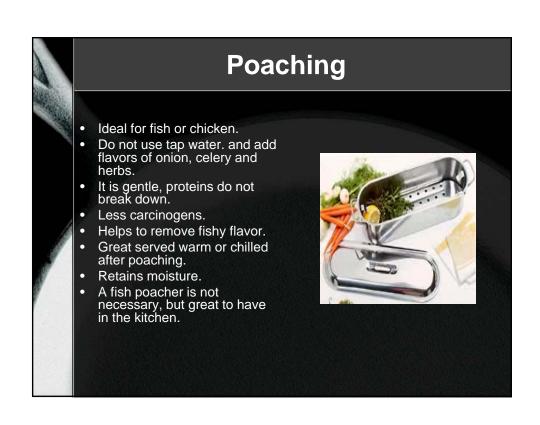
# En Papillote Cooking "in parchment" paper Holds in moisture Faster cooking Great presentation Augments herbs and spices Cooking in a parchment in a bag, www.paperchef.com

# Water Sautéing or Grill Pan Steaming Shorter time. Vegetables can be sliced into larger pieces. Process is steeping with flavors in the pan. Start by creating flavor...garlic, onions in

Add liquid to create steam.
 Never let the pan dry. Add chopped vegetables or if caramelizing, add veggies first with sugar.

large sauté pan.

· Cover with a tight fitting lid.

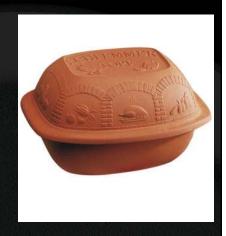


# Looses nutrients. Water boils at a lower temperature as elevation increases. In Denver, water boils at 202 degrees F rather than 212 degrees F depending upon barometric pressure. Ideal for pasta/potatoes, salt in solution will raise boiling point. Use spring water. Add herbs to flavor. Boiling meat lets fats float to surface when cooled.



## **Clay Pot Roasting**

- Maintains moisture
- Roasts without using oil
- Healthier
- Even cooking
- Can serve directly from vessel
- Requires careful technique, roast from a cold oven and avoid extreme changes in temperature

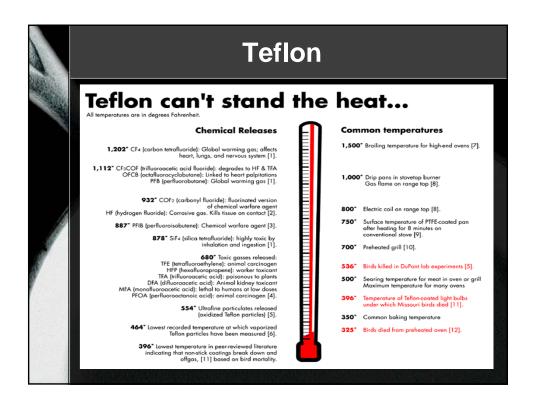




### **Microwave Cooking**

- · Cooks from the inside out.
- Dehydrates.
- Avoid plastic in the micro-wave...go with micro-wave safe glass or ceramic.
- Pouch cooking easy and keeps moisture locked in....Paper Chef.com
- Avoid metal, bread, meats, contained foods such as whole eggs, nuts, nonvented items.

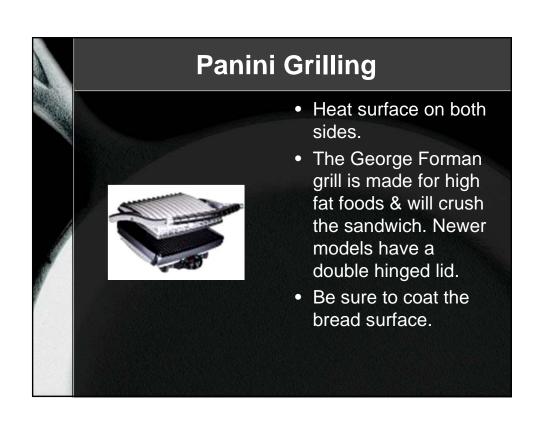




### **Cooking With a Teflon Pan**

- Follow manufacturer directions.
- Avoid high heat or medium heat on an empty pan.
- Use approved non-stick cooking utensils.
- Never use an abrasive cleaner or pad.
- If the Teflon surface is cracking, discard.
- Teflon compounds (PFOA) used in manufacture have been found in the majority of American people even in the blood of newborns.

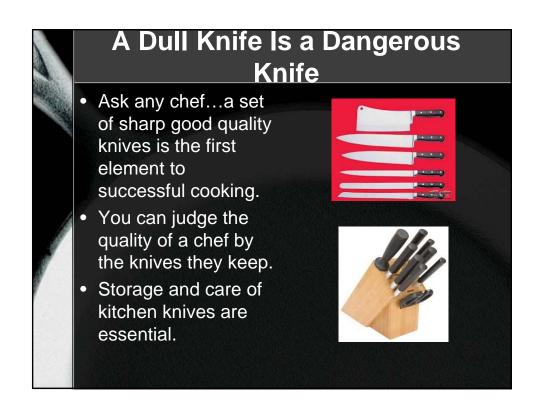
# Cutting portions on a nonstick pan. Storing pans improperly Drastic water temperature changes Using metal utensils Cleaning with a scouring pad Cleaning in a dishwasher Cooking on high heat Storing foods in your nonstick pan Pizza pan nonstick, do not use a pizza cutter A bread pan is a bread pan, nonmeats, acid free

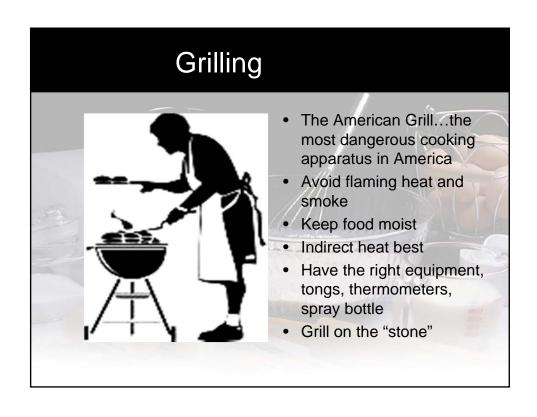










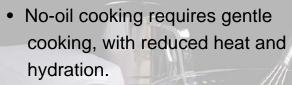








# **Cooking Techniques**





- · Oil holds flavors, use extra herbs and spices.
- Get to know your food items, natural sweet foods, oily foods.
- Always have a good vegetable stock ready.
- Cook fresh, try to cook a recipe without a nutritional label on the food product.

## More ideas

- · Sauté without oil...anything works
- Halve the egg yolks
- · Dairy products, fat free
- Add alternative butter or oil substitutes
- Reduced fat cheeses
- For sauces, use evaporated fat free milk or fat free half&half, So Delicious non-dairy creamer
- Alternative sugars, fats



### Methods to Cut Back Fat



- Cutting back fat, cuts calories big time. 1 cup of oil has approximately 2,000 calories.
- · Hydrate, hydrate, hydrate.
- Use optional sources to sauté...apple juice concentrate, mushroom or veggie broth, caffeine free colas.
- Steam, poach, bake, pouch cooking.

## Changing the Protein Source



- Egg whites instead of whole eggs.
- Optional soy products, "meat" substitutes, TVP™, seitan, tofu, tempe, soy milk.
- Replace meat with legumes, beans, etc.
- · Whole grains.
- Add the protective fish...salmon, tuna, sardines, mackerel.
- Leaner means drier, the lower the fat, the greater the cholesterol by weight.

# Ways To Hold Back Sugar



- Slowly crank down your tastes for sweets.
- Read labels for hidden sugar.
- Use natural foods, fruits, and flavors to lessen the desire for sweets.
- Consider alternative sweeteners...Splenda, Stevia, Agave nectar, Coconut Unrefined Sugar

# **Converting Recipes**



Substitute:

In place of:
Butter
Whole eggs
Cream
White flour
Fat
Sugar

Reduced fat buttermilk, sprays, margarines.

Egg Beaters, 2 to 1 egg
Evap. skim milk, ff cream cheese, yogurt cheese.

½ whole grain, 25% soy flour or GF
Applesauce, ½ oil, fat substitute
Fresh fruit, Stevia, pureed fruit (baby food)

# In summary:

- To do the right job, have the right tools.
- · Food preparation should be fun.
- Mistakes happen. Read books...others have done the same mistake.
- Go slowly and follow the rules. Avoid the "Net and You Tube"
- · Make changes in recipes in simple steps.
- Write down what you have done and keep a journal recipe book.
- Use your digital camera or iPad to record steps.
- Share recipes with others. Food is community.

